

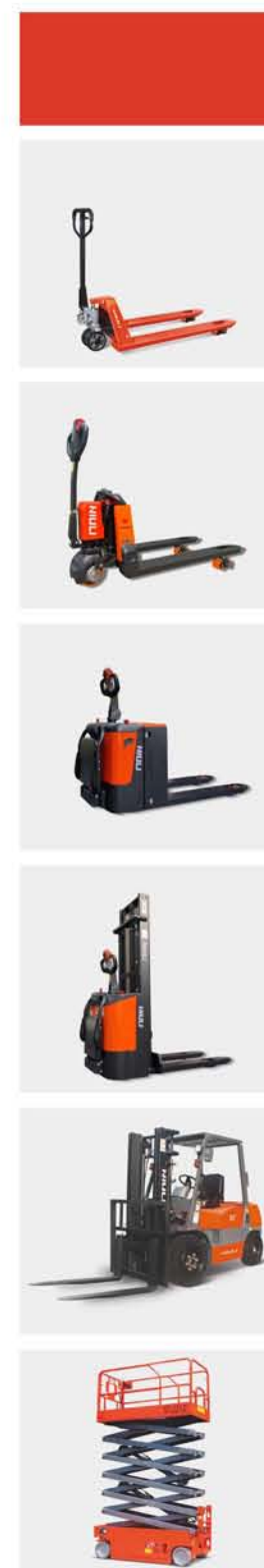
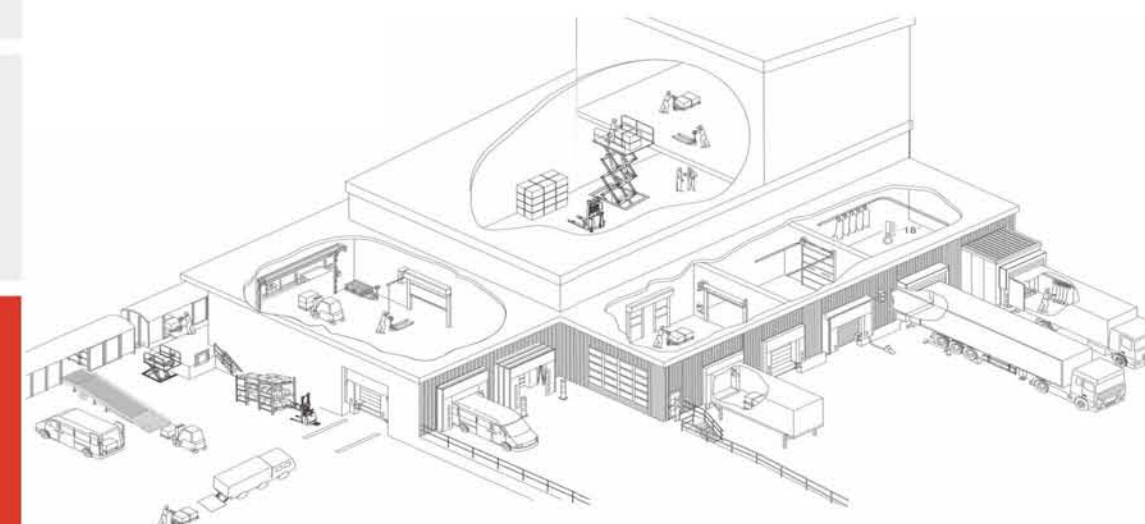


**NIULI**<sup>®</sup>  
NIULI MACHINERY

# NIULI PRODUCTS CATALOGUE

Hand Pallet Truck / Hand Stacker / Electric Pallet Truck / Semi & Full Electric Stacker /  
Electric Forklifts / Diesel Forklifts / Aerial Work Platform / Cleaning Equipment /  
Dock Ramp / Tail Lift / Caster / Pallet Racking

**Solutions**  
Improve Logistics system



**NIULI**<sup>®</sup>  
NIULI MACHINERY

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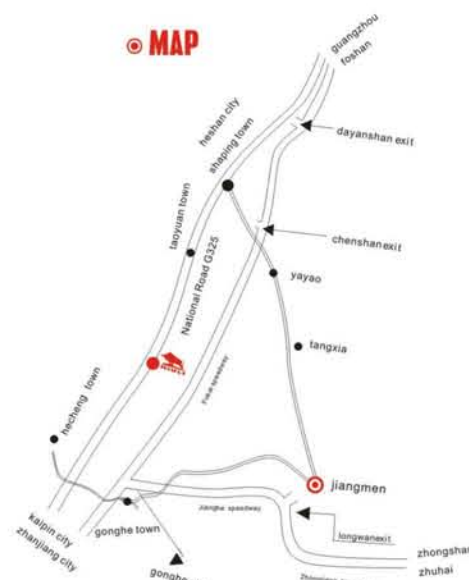
2023



NIULI MACHINERY MANUFACTURE CO.,LTD

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MAP



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# ABOUT

**NIULI**®  
NIULI MACHINERY

Niuli Machinery Manufacture Co., Ltd was founded in 1999, located in Heshan city, Guangdong Province, China, covering an area of 330000 square meters. It is developed rapidly through advance technology and professional levels in the field of material handling equipments.

Niuli Machinery Manufacture Co., Ltd is a comprehensive enterprise integrated with R & D, production and distribution, professionally manufacturing material handling equipments.

Our company constantly improves the production capacity and updates technology to meet growing increasingly labour market, We have more than 100 models of material handling equipments, the main products: Hand Pallet Truck , Hand Stacker , Electric Hydraulic Stacker, Electric Pallet Truck, Tail lift, Industrial Caster, Forklift, Hydraulic Scissor Lift table , Hydraulic Dock Leveller and so on, the annual production has reached 400000 pcs and the products have been exported to more than 120 countries and areas .The sales and post sales network cover the whole china market. "NIULI" brand enjoy high reputation in the internal and overseas market. Our company has been passed ISO9001:2000 Certificate of Quality Managerment System and the main products have been passed the CE/GS certification by TUV in Germany.

Our company aims at meeting the customer's needs, together with all our staff, contributes our all to improving logistics industry efficiency with the responsiblity of creating your benefits by using our products.





# HONOR & Commitment

Niuli is one of the largest and the most exclusive manufacturer and provider of material handling equipments and solutions in china at present. The main products have been passed the CE/GS certification by TUV in Germany. Our long-term commitment is to develop and provide environmental, economical & efficient materials handling solutions, which respect present and future energy needs for global customers. We strive to establish close relations with our customers in order to better respond to their needs.





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- Lower Position----To lower load,pull up on the finger tip control.
- Neutral Position--To place finger tip control in this position during pulling the truck or load.
- Lift Position----To raise load,push down on finger tip control,pump handle to raise the load.

PARAMETER TABLE

| Model                       | CBY-AC 2.0  | CBY-AC 2.5  | CBY-AC3.0   |
|-----------------------------|-------------|-------------|-------------|
| Capacity(kg)                | 2000        | 2500        | 3000        |
| Min.fork height(mm)         | 75/85       | 75/85       | 75/85       |
| Max.fork height(mm)         | 185/195     | 185/195     | 185/195     |
| Lifting height(mm)          | 110         | 110         | 110         |
| Fork length(mm)             | 1150/1220   | 1150/1220   | 1150/1220   |
| Single fork width(mm)       | 160         | 160         | 160         |
| Width overall forks(mm)     | 550/685     | 550/685     | 550/685     |
| Fork wheel-single(mm)       | 74X93/80X93 | 74X93/80X93 | 74X93/80X93 |
| Fork wheel-tandem(mm)       | 80x70/74x70 | 80x70/74x70 | 80x70/74x70 |
| Steering wheel(mm)          | 180X50      | 180X50      | 180X50      |
| Self weight(kg)             | 73-92       |             |             |
| Qty/20 feet container (pcs) | 180/144     | 180/144     | 180/144     |

## MOST POPULAR MODEL

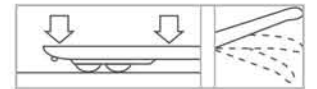
- Whole casting hydraulic pump.
- Integrated valve core.
- Rubber Coated Handle Comfortable.
- Powder coated chassis made of high grade steel.
- Body welded by auto machine.

Option:Single fork wheels  
tandem fork wheels

Option:Galvanized pump



handle A



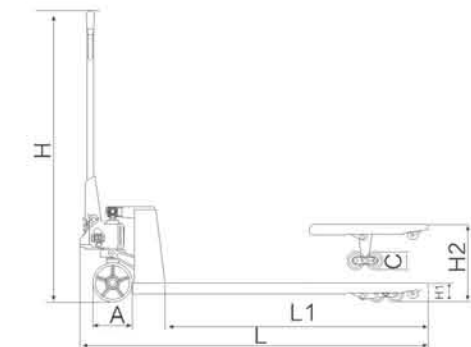
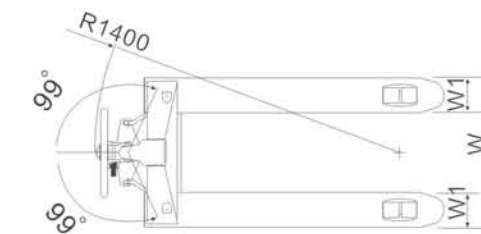
Lower Position



Neutral Position



Lifting Position



Nylon



Polyurethane



Rubber



Aluminium PU

- Option of different coating material for both steering wheel and fork rollers
- Polyurethane---Ideal for delicate floors with hard wearing and non-marking property, quiet and durable.
- Nylon---low drag efforts, high resistance to chemicals, non-marking, preferred in food, fishing and chemical industries with smooth level floors.
- Rubber--Best choice for quiet and durable demands, ideal for smooth and rough floors.



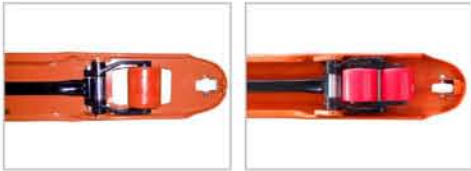
- Lower Position----To lower load,pull up on the finger tip control.
- Neutral Position--To place finger tip control in this position during pulling the truck or load.
- Lift Position----To raise load,push down on finger tip control,pump handle to raise the load.

PARAMETER TABLE

| Model                       | CBY-BF2.0   | CBY-BF2.5   | CBY-BF3.0   |
|-----------------------------|-------------|-------------|-------------|
| Capacity(kg)                | 2000        | 2500        | 3000        |
| Min.fork height(mm)         | 75/85       | 75/85       | 75/85       |
| Max.fork height(mm)         | 185/195     | 185/195     | 185/195     |
| Lifting height(mm)          | 110         | 110         | 110         |
| Fork length(mm)             | 1150/1220   | 1150/1220   | 1150/1220   |
| Single fork width(mm)       | 160         | 160         | 160         |
| Width overall forks(mm)     | 550/685     | 550/685     | 550/685     |
| Fork wheel-single(mm)       | 74X93/80X93 | 74X93/80X93 | 74X93/80X93 |
| Fork wheel-tandem(mm)       | 80x70/74x70 | 80x70/74x70 | 80x70/74x70 |
| Steering wheel(mm)          | 180X50      | 180X50      | 180X50      |
| Self weight(kg)             | 73-92       |             |             |
| Qty/20 feet container (pcs) | 180/144     | 180/144     | 180/144     |

MOST POPULAR MODEL

- Whole casting hydraulic pump.
- Integrated valve core.
- Rubber Coated Handle Comfortable.
- Powder coated chassis made of high grade steel.
- Body welded by auto machine.



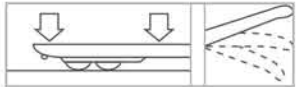
Option:Single fork wheels  
tandem fork wheels



Option:Galvanized pump



handle A



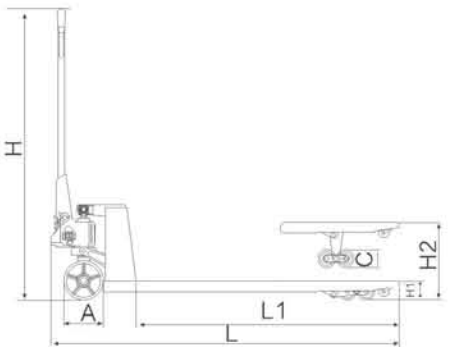
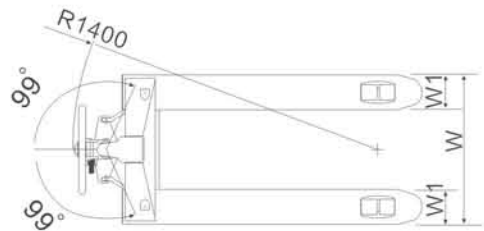
Lower Position



Neutral Position



Lifting Position



Nylon



Polyurethane



Rubber



Aluminium PU

- Option of different coating material for both steering wheel and fork rollers
- Polyurethane---Ideal for delicate floors with hard wearing and non-marking property, quiet and durable.
- Nylon---low drag efforts,high resistance to chemicals,non-marking,preferred in food, fishing and chemical industries with smooth level floors.
- Rubber--Best choice for quiet and durable demands,ideal for smooth and rough floors.

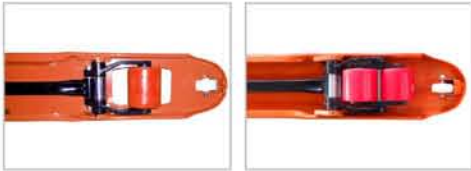


- Lower Position----To lower load,pull up on the finger tip control.
- Neutral Position--To place finger tip control in this position during pulling the truck or load.
- Lift Position----To raise load,push down on finger tip control,pump handle to raise the load.

PARAMETER TABLE

| Model                       | CBY-NB-2.0  | CBY-NB-2.5  | CBY-NB-3.0  |
|-----------------------------|-------------|-------------|-------------|
| Capacity(kg)                | 2000        | 2500        | 3000        |
| Min.fork height(mm)         | 75/85       | 75/85       | 75/85       |
| Max.fork height(mm)         | 185/195     | 185/195     | 185/195     |
| Lifting height(mm)          | 110         | 110         | 110         |
| Fork length(mm)             | 1150/1220   | 1150/1220   | 1150/1220   |
| Single fork width(mm)       | 160         | 160         | 160         |
| Width overall forks(mm)     | 550/685     | 550/685     | 550/685     |
| Fork wheel-single(mm)       | 74X93/80X93 | 74X93/80X93 | 74X93/80X93 |
| Fork wheel-tandem(mm)       | 80x70/74x70 | 80x70/74x70 | 80x70/74x70 |
| Steering wheel(mm)          | 180X50      | 180X50      | 180X50      |
| Self weight(kg)             | 73-92       |             |             |
| Qty/20 feet container (pcs) | 180/144     | 180/144     | 180/144     |

- Whole casting hydraulic pump.
- Integrated valve core.
- Rubber Coated Handle Comfortable.
- Powder coated chassis made of high grade steel.
- Body welded by auto machine.



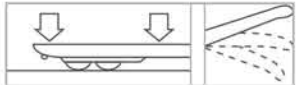
Option:Single fork wheels  
tandem fork wheels



Option:Galvanized pump



handle A



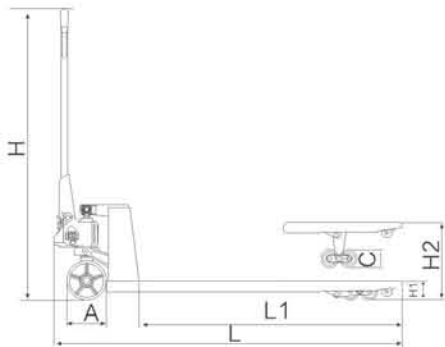
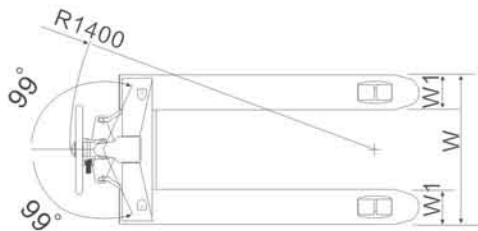
Lower Position



Neutral Position



Lifting Position



Nylon



Polyurethane



Rubber



Aluminium PU

- Option of different coating material for both steering wheel and fork rollers
- Polyurethane---Ideal for delicate foors with hard wearing and non-markingproperty, quiet and durable.
- Nylon---low drag efforts,high resistance to chemicals,non-marking,preferredin food, fishing and chemical industries with smooth level floors.
- Rubber--Best choice for quiet and durable demands,ideal for smooth and rough floors.



PARAMETER TABLE

| Model                       | CBY-DF 2.0  | CBY-DF 2.5  | CBY-DF3.0   |
|-----------------------------|-------------|-------------|-------------|
| Capacity(kg)                | 2000        | 2500        | 3000        |
| Min.fork height(mm)         | 85/75       | 85/75       | 85/75       |
| Max.fork height(mm)         | 195/185     | 195/185     | 195/185     |
| Lifting height(mm)          | 110         | 110         | 110         |
| Fork length(mm)             | 1150/1220   | 1150/1220   | 1150/1220   |
| Single fork width(mm)       | 160         | 160         | 160         |
| Width overall forks(mm)     | 550/685     | 550/685     | 550/685     |
| Fork wheel-single(mm)       | 80X93/74X93 | 80X93/74X93 | 80X93/74X93 |
| Fork wheel-tandem(mm)       | 80x70/74x70 | 80x70/74x70 | 80x70/74x70 |
| Steering wheel(mm)          | 180X50      | 180X50      | 180X50      |
| Self weight(kg)             | 73-92       |             |             |
| Qty/20 feet container (pcs) | 180/144     | 180/144     | 180/144     |

- Welding hydraulic pump,easy for repair.
- Overload valve core.
- Ergonomic iron Handle.
- Powder coated chassis made of high grade steel.
- Body welded by auto machine.



Durability&Safety

The oil pump body is made of welding the prefabricated parts together first ,And then machining the welded body High-pressure relief valve to prevent overload.



Ergonomic Handle Design

Ergonomic handle ensures the user a relaxed hold and operation .

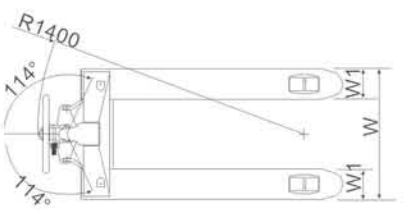
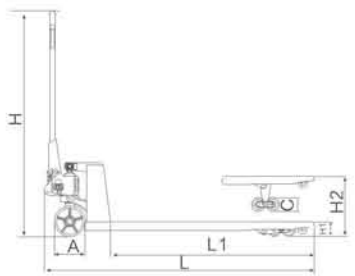
Low Rolling Resistance

High quality wheels,rollers and ball bearings.



Protective Handle Bumper

Chrome piston and ram for smooth operation and prevents excessive wear on the pump & seal .



- Germany standard WAGNER painting system ensures best powdercoating and paint quality.
- All pivots points are greased ensures excellent maneuverability witheffortless quiet operations and a particularly long service life.



Nylon



Polyurethane



Rubber



Aluminium PU

- Option of different coating material for both steering wheel and fork rollers
- Polyurethane---Ideal for delicate foors with hard wearing and non-markingproperty, quiet and durable.
- Nylon---low drag efforts,high resistance to chemicals,non-marking,preferredin food, fishing and chemical industries with smooth level floors.
- Rubber--Best choice for quiet and durable demands,ideal for smooth and rough floors.



- Economic but reliable.
- Professional and easy to operate.
- Diverse options for rollers, wheels and fork dimensions as well as colors and etc.

PARAMETER TABLE

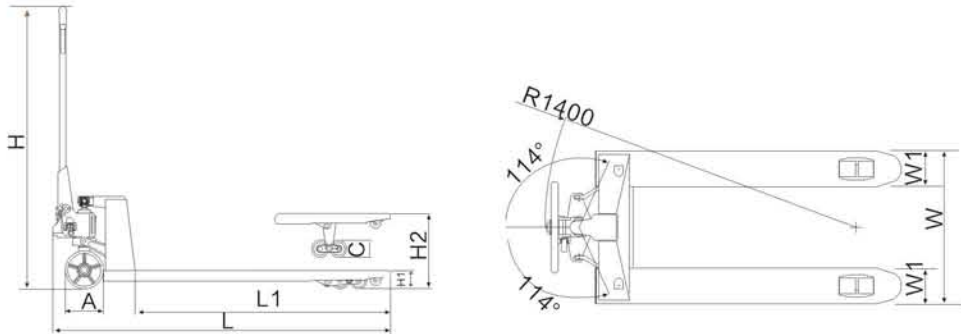
| Model                       | CBY-JC 2.0 | CBY-JC 2.0 |
|-----------------------------|------------|------------|
| Capacity(kg)                | 2000       | 2000       |
| Min.fork height(mm)         | 75         | 75         |
| Max.fork height(mm)         | 185        | 185        |
| Lifting height(mm)          | 110        | 110        |
| Fork length(mm)             | 1150       | 1220       |
| Single fork width(mm)       | 160        | 160        |
| Width overall forks(mm)     | 550        | 685        |
| Fork wheel-tandem(mm)       | 70X60      | 70X60      |
| Steering wheel(mm)          | 160X50     | 160X50     |
| Self weight(kg)             | 55-65      |            |
| Qty/20 feet container (pcs) | 180        | 144        |

Economy



Best light and simple design pallet truck , Economic but Reliable

- Long operating life and low maintenance cost .
- The special high-pressure relief valve prevents overloading to re fitted with seals to ensure sealing and leep the body from oil leaking.
- Good manoeuvrability & utilisation.
- Speed lowering valve can adjust the descent speed freely.
- Epoxy powder coated finish to give greater anti-corrosion resistance.

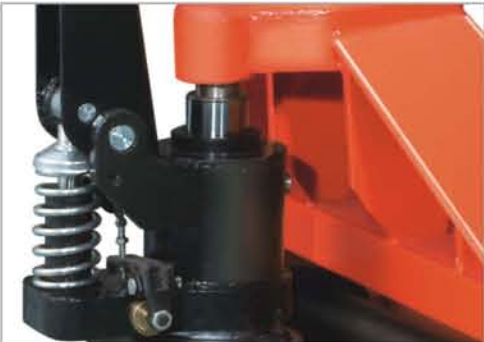


Options : Color available in red,yellow,blue and others.  
Different fork length and width available.  
Obtainable with rubber,nylon or poyurethane steeringwheels.  
Rollers available with polyurethane or nylon.



Options :

Bracket available with channel steel fork or steel sheet. Steering and fork wheels available super-strength nylon or steel.



Super - heavy duty hydraulic pump .

PARAMETER TABLE

| Model                   | CBY.5.0T  |
|-------------------------|-----------|
| Capacity(kg)            | 5000      |
| Max. fork height(mm)    | 195       |
| Min. fork height(mm)    | 85        |
| Fork length(mm)         | 1150/1220 |
| Width overall forks(mm) | 550/685   |
| Steering wheel(mm)      | φ 180x52  |
| Fork wheel(mm)          | φ 80x70   |
| Truck weight(kg)        | 120/130   |

- The special lowering valve facilitates loads being particularly sensitive and proportioned .
- The flexible steering wheel reduces the actual pully effort required .
- Adjustable solid steel push rods .



Channel steel



PARAMETER TABLE

| Model                   | CBY.5.0T  |
|-------------------------|-----------|
| Capacity(kg)            | 5000      |
| Max. fork height(mm)    | 195       |
| Min. fork height(mm)    | 85        |
| Fork length(mm)         | 1150/1220 |
| Width overall forks(mm) | 550/685   |
| Steering wheel(mm)      | φ 180x52  |
| Fork wheel(mm)          | φ 80x70   |
| Truck weight(kg)        | 120/130   |

- The special lowering valve facilitates loads being particularly sensitive and proportioned .
- The flexible steering wheel reduces the actual pully effort required .
- Adjustable solid steel push rods .



Steel sheet



| PARAMETER TABLE         |              |              |              |
|-------------------------|--------------|--------------|--------------|
| Model                   | CBY-ACL 2.0T | CBY-ACL 2.5T | CBY-ACL 3.0T |
| Capacity(kg)            | 2000         | 2500         | 3000         |
| Max. fork height(mm)    | 175          | 175          | 175          |
| Min. fork height(mm)    | 65           | 65           | 65           |
| Fork length(mm)         | 1150/1220    | 1150/1220    | 1150/1220    |
| Width overall forks(mm) | 550/685      | 550/685      | 550/685      |
| Steering wheel(mm)      | φ 160x50     | φ 160x50     | φ 160x50     |
| Fork wheel(mm)          | φ 64x70      | φ 64x70      | φ 64x70      |
| Truck weight(kg)        | 75-85        |              |              |



| PARAMETER TABLE             |             |             |             |
|-----------------------------|-------------|-------------|-------------|
| Model                       | CBY-ACR 2.0 | CBY-ACR 2.5 | CBY-ACR 3.0 |
| Capacity(kg)                | 2000        | 2500        | 3000        |
| Min.fork height(mm)         | 75/85       | 75/85       | 75/85       |
| Max.fork height(mm)         | 185/195     | 185/195     | 185/195     |
| Lifting height(mm)          | 110         | 110         | 110         |
| Fork length(mm)             | 1150/1220   | 1150/1220   | 1150/1220   |
| Single fork width(mm)       | 160         | 160         | 160         |
| Width overall forks(mm)     | 550/685     | 550/685     | 550/685     |
| Fork wheel-single(mm)       | 80X93/74X93 | 80X93/74X93 | 80X93/74X93 |
| Fork wheel-tandem(mm)       | 74X70/80X70 | 74X70/80X70 | 74X70/80X70 |
| Steering wheel(mm)          | 180X50      | 180X50      | 180X50      |
| Self weight(kg)             | 73-92       |             |             |
| Qty/20 feet container (pcs) | 180/144     | 180/144     | 180/144     |



| PARAMETER TABLE         |           |           |
|-------------------------|-----------|-----------|
| Model                   | ACL-51mm  | ACL-35mm  |
| Capacity(kg)            | 2000      | 1000      |
| Min. fork height(mm)    | 51        | 35        |
| Max. fork height(mm)    | 165       | 90        |
| Width overall forks(mm) | 550/685   | 550/685   |
| Fork length(mm)         | 1150/1220 | 1150/1220 |
| Steering wheel(mm)      | φ 180x50  | φ 160x50  |
| Load roller single(mm)  | φ 50*93   | -         |
| Load roller tandem(mm)  | φ 50x70   | φ 34x58   |
| Size of fork e*s(mm)    | 160x37    | 160x30    |

PAPER ROLLER PALLET TRUCK

CBY-ZT



| PARAMETER TABLE        |                     |
|------------------------|---------------------|
| Model                  | CBY.ZT              |
| Capacity(kg)           | 1000/1500/2000/2500 |
| Diameter of bale(mm)   | φ 750- φ 1200       |
| Fork length(mm)        | 1150/1220           |
| Max. width of fork(mm) | 760/850/1000/1150   |
| Steering wheel(mm)     | φ 180x50            |
| Fork wheel(mm)         | φ 80x70             |
| Weight(kg)             | 135-175             |

Tandem load rollers give easy running over uneven floors.



WITH SHORTER FORK LENGTH  
PARAMETER TABLE

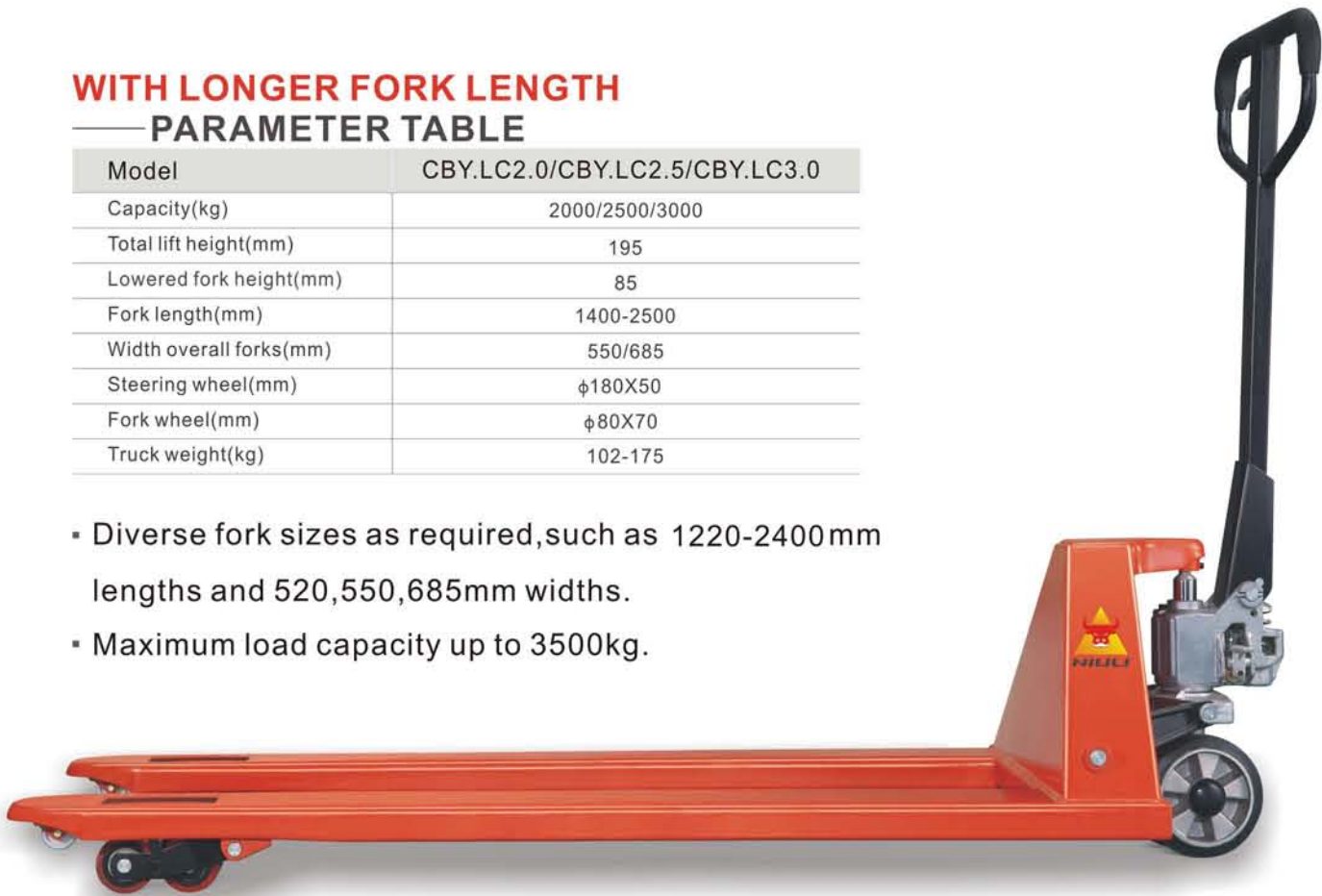
| Model                 | CBY.SD2.0T/CBY.SD2.5T |
|-----------------------|-----------------------|
| Capacity(kg)          | 2000/2500             |
| Total lift height(mm) | 195                   |
| Min. height(mm)       | 85                    |
| Steering wheel(mm)    | φ 180x50              |
| Front wheel(mm)       | φ 80x70               |
| Total width(mm)       | 550/685               |
| Fork length(mm)       | 500/600/700/800/900   |
| Self weight(kg)       | 65-75                 |



WITH LONGER FORK LENGTH  
PARAMETER TABLE

| Model                   | CBY.LC2.0/CBY.LC2.5/CBY.LC3.0 |
|-------------------------|-------------------------------|
| Capacity(kg)            | 2000/2500/3000                |
| Total lift height(mm)   | 195                           |
| Lowered fork height(mm) | 85                            |
| Fork length(mm)         | 1400-2500                     |
| Width overall forks(mm) | 550/685                       |
| Steering wheel(mm)      | φ180X50                       |
| Fork wheel(mm)          | φ80X70                        |
| Truck weight(kg)        | 102-175                       |

- Diverse fork sizes as required, such as 1220-2400mm lengths and 520, 550, 685mm widths.
- Maximum load capacity up to 3500kg.



- 1250kg capacity adjustable forks Rough Terrain Truck.
- Fitted with Pneumatic tires for use on undulating surfaces.
- Powder coated heavy duty steel frame.
- Fitted with adjustable 860mm long forks, can lower down to a minimum fork height of 70mm.
- Ideal for open and closed pallets.
- Hand release trigger, easy to maneuver with 210 degrees turning radius.
- Low maintenance pump unit.
- Hand release trigger to control the rate of lowering.

| Model                  |    | RTT1000        | RTT1250        |
|------------------------|----|----------------|----------------|
| Capacity Q             | kg | 1000           | 1250           |
| Fork Length            | mm | 800/860        | 800/860        |
| Load Center            | mm | 400/430        | 400/430        |
| Single Fork Width      | mm | 100            | 120            |
| Adjustable Fork Width  | mm | 216-680        | 256-680        |
| Max.Fork Height        | mm | 240            | 240            |
| Min.Fork Height        | mm | 70             | 70             |
| Max.Pump Stroke        | mm | 170            | 170            |
| Overall Size LXWXH     | mm | 1406x1670x1280 | 1406x1670x1280 |
| Front Wheel Dia.xWidth | mm | 568x145        | 568x145        |
| Rear Wheel Dia.xWidth  | mm | 250            | 250            |
| Turn Radius            | mm | 1500           | 1500           |
| Net Weight             | kg | 210            | 238            |



PARAMETER TABLE

| Model                | CBY-HL             |
|----------------------|--------------------|
| Capacity(kg)         | 1000/1500          |
| Fork Width(mm)       | 540/680            |
| Fork Length(mm)      | 1150               |
| Min. Fork Height(mm) | 85                 |
| Max.Fork Height(mm)  | 800                |
| Steering wheel       | Polyurethane       |
| Fork Wheel           | Nylon/Polyurethane |
| Self Weight          | 125-135            |

Quick-lift Operation

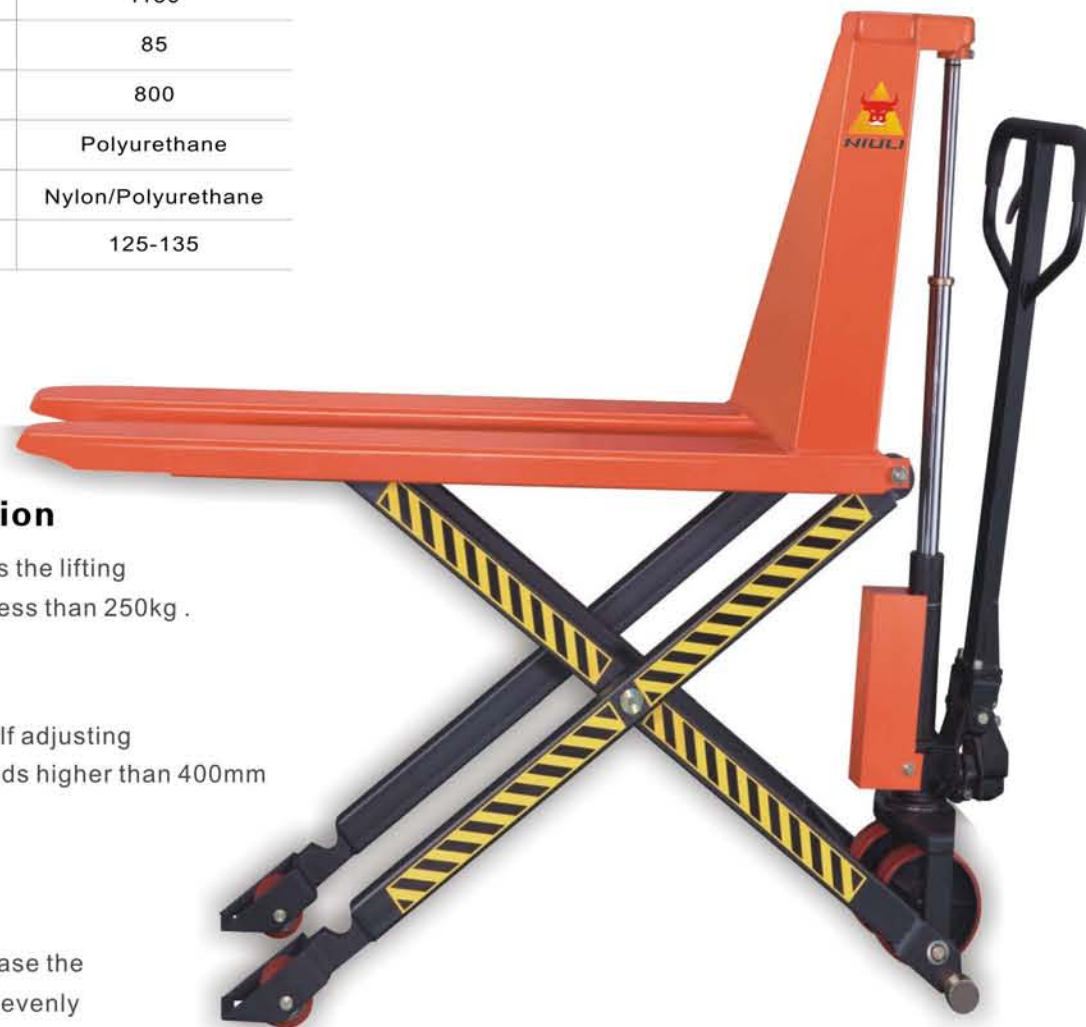
Quick-lift function doubles the lifting speed when lifting loads less than 250kg .

Improved safety

Automatic activation of self adjusting stabilizers when lifting loads higher than 400mm for maximum stability .

Great stability

Extra long front legs increase the stability when handling unevenly loaded pallets .



When lifting height below 400mm , it is easy to move as a pallet truck, Above 400mm the truck is automatically locked by triggering the supports at both sides of the steering wheels .



CBY-EHL-1



CBY-EHL-2

PARAMETER TABLE

| Model                                      | CBY-EHL-1  | CBY-EHL-2  |
|--------------------------------------------|------------|------------|
| Rated lifting capacity(k )                 | 1000       | 1000       |
| Min./Max.fork height(mm)                   | 85/800     | 85/800     |
| Fork width b(mm)                           | 520        | 680        |
| Fork length l(mm)                          | 1140/1500  | 1140/1500  |
| Battery voltage(V)/Electricity volume(A/h) | 12/63      | 12/63      |
| Input/output voltage of charger(V)         | 220~240/12 | 220~240/12 |
| N.W.(kg)                                   | 140/165    | 146/171    |
| Packing size 2PCS(cm)                      | 218x58x71  | 218x74x71  |
| Q`ty/20`                                   | 60/30      | 42/21      |

- Adjustable stabilizers extended to the floor automatically when the forks reach a height of 420mm, to ensure maximum stability and optimum braking.
- The handle automatically returns to its upright position when released.



- The enclosed fork tips (for Aisi316 stainless truck only) ensures that there are no dead corners where corrosive splatters can remain and damage the truck. Especially designed for applications where hygiene is of utmost importance.
- Nylon steering wheel and fork rollers are standard option for damp or harsh environment applications.
- Ideal transport aid for applications in damp or harsh environments such as meat or fish processing plants, dairies, pharmaceutical and chemical industry.
- With pressure relief valve and overload valve to help prevent pump damage when load exceeds weight limit.

—PARAMETER TABLE

| Model                | CBY.BX2.0/CBY.BX2.5 |
|----------------------|---------------------|
| Capacity(kg)         | 2000/2500/3000      |
| Min. fork height(mm) | 85                  |
| Max. fork height(mm) | 195                 |
| Total width(mm)      | 550/685             |
| Fork length(mm)      | 1150/1220           |
| Self weight(kg)      | 65-80               |



- All the exposed parts of the whole truck is galvanized, including hydraulic pump, fork frame, handle and so on.
- Meant for special applications in cold and wet environments, can resist the effects of temperature, condensation and washing.
- Nylon steering wheel and fork rollers comes as standard option for damp or harsh environment applications.
- With pressure relief valve and overload valve to help prevent pump damages when loads exceed weight limits.
- The one-piece pump design simplifies repairs, assuring reliability and a long service life.
- Ideal transport aid for application in damp or harsh environments such as meat or fish processing plants, dairies, pharmaceutical and chemical aid.

—PARAMETER TABLE

| Model                | CBY.DX2.0/CBY.DX2.5 |
|----------------------|---------------------|
| Capacity(kg)         | 2000/2500/3000      |
| Min. fork height(mm) | 85                  |
| Max. fork height(mm) | 195                 |
| Total width(mm)      | 550/685             |
| Fork length(mm)      | 1150/1220           |
| Self weight(kg)      | 65-80               |





- Pallet Truck with scale
- Capacity : 2000KG/2500KG/3000KG
  - Measure weight in pounds or kilograms
  - Measure in 0.5 kg step
  - Tolerance: +/- 0.5kg
  - Owered by 1.5VAA Battery
  - Keypad and automatic tare functions.



Option:Printer



PARAMETER TABLE

| Model                   | CBY.CW         |
|-------------------------|----------------|
| Capacity(kg)            | 2000/2500/3000 |
| Total lift height(mm)   | 175            |
| Lowered fork height(mm) | 65             |
| Fork length(mm)         | 1150           |
| Width overall forks(mm) | 550/685        |
| Steering wheel(mm)      | φ 160x50       |
| Fork wheel(mm)          | φ 64x70        |
| Truck weight(kg)        | 115-120        |

High definition display

The scale offers gross /net weighing ,total weight , piece counting and tare functions reading in 0.5kg increments .

Options :

Printer which is reliable in mobile applications . Use of printer does hardly influence the life time of the batteries . The printer is protected for use at low battery voltage levels .



PARAMETER TABLE

| Model                   | CBY.CW-I            |
|-------------------------|---------------------|
| Capacity(kg)            | 1000/1500/2000/2500 |
| Total lift height(mm)   | 175                 |
| Lowered fork height(mm) | 65                  |
| Fork length(mm)         | 1150                |
| Width overall forks(mm) | 550/685             |
| Steering wheel(mm)      | φ 160x50            |
| Fork wheel(mm)          | φ 64x70             |
| Truck weight(kg)        | 109-113             |

Pallet Truck with scale

- Capacity : 1000KG/1500KG/2000KG/2500KG
- Measure weight in pounds or kilograms
- Measure in 0.5 kg step
- Tolerance: +/- 0.5kg
- Owered by 1.5VAA Battery
- Keypad and automatic tare functions.







A2T



A0.5T

PARAMETER TABLE

| Model                               | CTY-A0.5      | CTY-A1.0      | CTY-A2.0      | CTY-A3.0      |
|-------------------------------------|---------------|---------------|---------------|---------------|
| Rated lifting capacity(kg)          | 500           | 1000          | 2000          | 3000          |
| Max.lifting height (mm)             | 1200          | 1600          | 1600          | 1600          |
| Lowered height of forks (mm)        | 85            | 85            | 85            | 110           |
| Fork length (mm)                    | 750           | 900           | 900           | 1000          |
| Adjustable width of forks (mm)      | 180-396       | 210-560       | 250-580       | 590-580       |
| Lifting speed(mm/stroke)            | 20            | 20            | 14            | 10            |
| Lowering speed(mm/stroke)           | Controllable  | Controllable  | Controllable  | Controllable  |
| Outer width of front legs (mm)      | 580           | 750           | 760           | 760           |
| Operation power of crank(kg)        | 15            | 24            | 32            | 40            |
| Min. refuel volume for fuel tank(L) | 1.2           | 1.6           | 2.0           | 3.0           |
| Front wheel size(mm)                | φ 85x50       | φ 85x50       | φ 85x50       | φ 100x50      |
| Rear wheel size(mm)                 | φ 180x50      | φ 180x50      | φ 180x50      | φ 180x50      |
| Overall size(mm)                    | 1170x590x1655 | 1360x755x2040 | 1440x760x2050 | 1580x800x2070 |
| Self weight(kg)                     | 80            | 150           | 210           | 320           |



PARAMETER TABLE

| Model                               | CTY-D1.0      | CTY-D2.0      |
|-------------------------------------|---------------|---------------|
| Rated lifting capacity(kg)          | 1000          | 2000          |
| Max.lifting height (mm)             | 1600          | 1600          |
| Lowered height of forks (mm)        | 90            | 90            |
| Fork length (mm)                    | 900           | 900           |
| Adjustable width of forks(mm)       | 320-680       | 340-680       |
| Lifting speed(mm/stroke)            | 24            | 14            |
| Lowering speed(mm/stroke)           | Controllable  | Controllable  |
| Operation power of crank(kg)        | 24            | 32            |
| Outer width of front legs(mm)       | 620           | 620           |
| Min. refuel volume for fuel tank(L) | 1.6           | 2.0           |
| Front wheel size(mm)                | φ74x52        | φ74x70        |
| Rear wheel size(mm)                 | φ180x50       | φ180x50       |
| Overall size(mm)                    | 1420x740x2040 | 1470x740x2040 |
| Self weight(kg)                     | 160           | 260           |



Adjustable forks to coordinate with different requirements.



Ergonomic rubber handle ensures a comfortable easy operation.



Effortless and quick lifting for using foot pedal without loads .



**Options:**

Heavy duty C-shaped steel construction for strength and rigidity.  
Fork length: 1150mm  
Fixed fork width: 540mm(European style)

- Robust steel profile construction.
- Sturdy and compact enough to fit through standard door and to operate in congested areas.
- Lifting function operated by foot and hand controls,
- Allow the operator to work without having to perform extreme body movements.



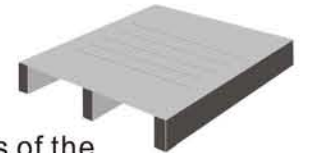
Easy and comfortable handling through ergonomically handles,effortless pulling during transport with long tiller.



Ergonomic rubber handle ensures a comfortable easy operation.



Effortless and quick lifting for using foot pedal without loads .

**What type of stacker do I need ?****Open pallet (without bottom boards)**

There are 2 type , The first types has forks that wrap over the legs of the stacker .Both the forks and legs are inserted under the pallet .  
Wrapover stackers can only be used with open pallets .

**Closed pallet (with bottom boards)**

The second type have straddle legs that fit around the pallet , The forks are positioned between the legs ( the fork width is usually adjustable) this type of stacker can be used with both open and closed pallets .

**PARAMETER TABLE**

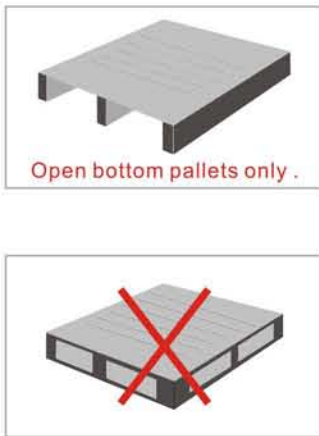
| Model                               | CTY-E1.0      | CTY-E1.5      | CTY-E2.0      |
|-------------------------------------|---------------|---------------|---------------|
| Rated lifting capacity(kg)          | 1000          | 1500          | 2000          |
| Max lifting height (mm)             | 1600          | 1600          | 1600          |
| Lowered height of forks (mm)        | 90            | 90            | 90            |
| Fork length (mm)                    | 900           | 900           | 900           |
| Adjustable width of forks(mm)       | 320-750       | 340-750       | 340-750       |
| Lifting speed(mm/stroke)            | 20            | 18            | 14            |
| Lowering speed(mm/stroke)           | Controllable  | Controllable  | Controllable  |
| Operation power of hand crank(kg)   | 24            | 28            | 32            |
| Outer width of front legs (mm)      | 690           | 690           | 690           |
| Min. refuel volume for fuel tank(L) | 1.6           | 1.8           | 2.0           |
| Front wheel size(mm)                | φ 74x52       | φ 74x70       | φ 74x70       |
| Rear wheel size(mm)                 | φ 180x50      | φ 180x50      | φ 180x50      |
| Overall size(mm)                    | 1390x780x2040 | 1390x780x2040 | 1390x780x2040 |
| Self weight(kg)                     | 200           | 235           | 240           |





| PARAMETER TABLE               |                |                |
|-------------------------------|----------------|----------------|
| Model                         | CTY-EH1.0      | CTY-EH1.5      |
| Rated lifting capacity(kg)    | 1000           | 1500           |
| Max. lifting height(mm)       | 2000/2500/3000 | 2000/2500/3000 |
| Lowered height of forks(mm)   | 90             | 90             |
| Fork length (mm)              | 900            | 900            |
| Adjustable width of forks(mm) | 320-750        | 340-750        |
| Lifting speed(mm/stroke)      | 20             | 14             |
| Lowering speed(mm/stroke)     | Controllable   | Controllable   |
| Operations power of crank(kg) | 24             | 32             |
| Outer width of front legs(mm) | 690            | 690            |
| Front wheel size(mm)          | φ 74x52        | φ 74x70        |
| Rear wheel size(mm)           | φ 180x50       | φ 180x50       |
| Overall size(mm)              | 1410x780x1540  | 1410x780x1540  |
|                               | 1410x780x1790  | 1410x780x1790  |
|                               | 1410x780x2040  | 1410x780x2040  |

- Heavy duty C-shaped steel construction for strength and rigidity with drop forged forks .
- Chip and corrosion resistant paint finish .
- Adjustable forks for various load sizes .
- Light and easy steering with foot brake .
- An economical solution for lifting and moving pallets ,kids ect.



This product is made of double mast structure. It is an ideal tool that applied in machine, light industry, paper making, printing, transportation, warehouse, etc.

- Foot pump hydraulic actuation, with adjustable forks and adjustable legs.
- Integrated cylinder & pump mechanism.
- Raise and lower loads quickly and easily.
- Highly efficient and durable.



| PARAMETER TABLE                        |           |                   |                  |                   |                |
|----------------------------------------|-----------|-------------------|------------------|-------------------|----------------|
| Mode                                   | unit      | CTY-EA10          | CTY-EA15         | CTY-EA10S         | CTY-EA15S      |
| Rated lifting capacity(kg)             | kg        | 1000              | 1500             | 1000              | 1500           |
| Low height of fork                     | mm        | 65                | 65               | 65                | 65             |
| Fork lift height                       | mm        | 1600              | 1600             | 2000/2500/3000    | 000/2500/3000  |
| Fork Length(L)(MM)                     | mm        | 900 (100×32)      | 900 (100×35)     | 900 (100×32)      | 900 (100×35)   |
| Adjustable width of the fork(E)(mm)    | mm        | 210~850           | 210~850          | 210~850           | 210~850        |
| Material of frame                      |           | Bending C payment | Bending C paymen | ending C payments | nding C paymen |
| Material of fork                       |           | Forged fork       | Forged fork      | Forged fork       | Forged fork    |
| Lifting speed                          | mm/stroke | 20                | 14               | 20                | 14             |
| Lowering speed                         | mm/stroke | controllable      | controllable     | controllable      | controllable   |
| Outer width of front leg(mm)           | mm        | 1116-1516         | 1116-1516        | 1116-1516         | 1116-1516      |
| Operations power of the hand crank(kg0 | kg        | 24                | 32               | 24                | 32             |
| Minimum refuel volume for fuel tank(L) | L         | 1.6               | 2                | 2/2.6/3.1         | 2.5/3.2/3.9    |
| Front wheel size                       | mm        | φ74x70            | φ74x70           | φ74x70            | φ74x70         |
| Real wheel size                        | mm        | φ180x50           | φ180x50          | φ180x50           | φ180x50        |
| External dimensions                    | mm        | 1455×1116×2115    | 1455×1116×2115   | 1475×1116×1580    | 1475×1116×1580 |
|                                        |           |                   |                  | 1475×1116×1830    | 1475×1116×1830 |
|                                        |           |                   |                  | 1475×1116×2080    | 1475×1116×2080 |



Easy maneuverability and secure braking ,  
Economic and mobile work aid .  
Compact and space saving storage.Equipped with wheels in the mast also allows it to be used as trolley .



PARAMETER TABLE

| Model                          | CTY-EW1.0(1400) | CTY-EW1.5(1400) |
|--------------------------------|-----------------|-----------------|
| Rated lifting capacity(kg)     | 1000            | 1500            |
| Max. lifting height(mm)        | 1600            | 1600            |
| Lowered height of forks(mm)    | 90              | 90              |
| Fork length(mm)                | 900             | 900             |
| Adjustalbe width of forks (mm) | 340-1480        | 360-1480        |
| Lifting speed(mm/stroke)       | 20              | 20              |
| Lowering speed(mm/stroke)      | Adjustable      | Adjustable      |
| Operation power of crank(kg)   | 24              | 24              |
| Outer width of front legs(mm)  | 1400            | 1400            |
| Front wheel size(mm)           | φ 74x52         | φ 74x52         |
| Rear wheel size(mm)            | φ 180x50        | φ 180x50        |
| Overall size(mm)               | 1390x1400x2040  | 1390x1400x2040  |
| Self weight(kg)                | 210             | 250             |



Ergonomic rubber handle ensures a comfortable easy operation.



Effortless and quick lifting for using foot pedal without loads .

PARAMETER TABLE

| Model                     | Unit     | CTY-EWH(1400)                                      |
|---------------------------|----------|----------------------------------------------------|
| Reated lifting capacity   | kg       | 1000                                               |
| Lowered height of forks   | mm       | 90                                                 |
| Max.lifting height        | mm       | 2000/2500/3000                                     |
| Fork length               | mm       | 900                                                |
| Adjustable width of forks | mm       | 340-1490                                           |
| Lifting speed             | mm/stoke | 20                                                 |
| Lowering speed            | mm/stoke | Adjustable                                         |
| Outer width of front legs | mm       | 1400                                               |
| Operation power of carank | kg       | 24                                                 |
| Front wheel size          | mm       | φ 74x52                                            |
| Rear wheel size           | mm       | φ 180x50                                           |
| Overall size              |          | 1410x1500x1540<br>1410x1500x1790<br>1410x1500x2040 |



Easy maneuverability and secure braking ,  
Economic and mobile work aid .  
Compact and space saving storage.Equipped with wheels in the mast also allows it to be used as trolley .





Model:  
BDDJ1300  
BDDJ1500  
BDDJ1700



PARAMETER TABLE

| Model            | unit | SDDJ850 | SDDJ1100 | SDDJ1300 | SDDJ1500 | SDDJ1700 |
|------------------|------|---------|----------|----------|----------|----------|
| Load Capacity    | kg   | 400Kg   | 400Kg    | 400Kg    | 400Kg    | 400Kg    |
| Lowest Height    | mm   | 90      | 90       | 90       | 90       | 90       |
| Max. Height      | mm   | 850     | 1100     | 1300     | 1500     | 1700     |
| Fork Length      | mm   | 610     | 610      | 610      | 610      | 610      |
| Fork Width       | mm   | 550     | 550      | 550      | 550      | 550      |
| Table Dimensions | mm   | 610x580 | 610x580  | 610x580  | 610x580  | 610x580  |
| Handle Length    | mm   | 1150    | 1150     | 1150     | 1150     | 1150     |
| Overall Length   | mm   | 1365    | 1365     | 1565     | 1765     | 1965     |
| Net Weight       | kg   | 80      | 85       | 88       | 91       | 98       |

PARAMETER TABLE

| Model                  | BDDJ 1300 | BDDJ 1500 | BDDJ 1700 |
|------------------------|-----------|-----------|-----------|
| Load Capacity(kg)      | 400       | 400       | 400       |
| Lowerd Height(mm)      | 90        | 90        | 90        |
| Max.Height (mm)        | 1300      | 1500      | 1700      |
| Fork Length (mm)       | 650       | 650       | 650       |
| Fork width (mm)        | 550       | 550       | 550       |
| Table Dimensions (mm)  | 610x580   | 610x580   | 610x580   |
| Handle Length (mm)     | 1530      | 1730      | 1930      |
| Overall height (mm)    | 1565      | 1765      | 1965      |
| Net Weight (kg)        | 108       | 111       | 118       |
| Power                  | 12V/0.5Kw | 12V/0.5Kw | 12V/0.5Kw |
| Battery (Ah)           | 60        | 60        | 60        |
| Charger Input Volt (V) | 220       | 220       | 220       |



Ergonomic lifts , transport and places ploy , steel or fiber drum on or off pallets .

A Spring-load clamp securely holds any rimmed drum .  
It have swivel steering wheels for easy positioning and precsion roller bearing load wheels for maximum stability .  
Easily glider over pallet to quickly load or unload 30 or 50 -gallon drums , grabs from the middle of a standard pallet with a drum clawgrab ,raises the drum up , and redistributes them throughout the facility .



Option



COT



CDT

PARAMETER TABLE

| Model                     | COT0.35/1.4   | CDT0.35/1.6   | CDT0.35/2.5   |
|---------------------------|---------------|---------------|---------------|
| Load lifting capacity(kg) | 350           | 350           | 350           |
| Lifting height(mm)        | 1400          | 1600          | 2500          |
| Overall dimension(mm)     | 1210x970x2050 | 1190X890X2000 | 1190X890X2000 |
| Self weight(kg)           | 160           | 320           | 365           |
| Overall height(mm)        | 2020          | 2120          | 1950          |
| Net Weight(kg)            | 155           | 310           | 360           |



PARAMETER TABLE

| Model                      | YTC 0.3A     | YTC 0.3B     |
|----------------------------|--------------|--------------|
| Reted lifting capacity(kg) | 300          | 300          |
| Lifting height(mm)         | 400          | 200          |
| Overall dimensions(mm)     | 980x850x1200 | 1060x880x930 |
| Self weight(kg)            | 80           | 50           |



PARAMETER TABLE

| Model      | Unit   | HD80A                                                      |
|------------|--------|------------------------------------------------------------|
| Capacity   | kg/lbs | 364/800, Steel Drum                                        |
| Drum Size  |        | 572mm(22.5")Diameter,210 Liters(55gallon),36"High(915.5mm) |
| Net Weight | kg/lbs | 50/110                                                     |





PARAMETER TABLE

| Model                    | WP300       | WP350        | WP500       | WP800        |
|--------------------------|-------------|--------------|-------------|--------------|
| Capacity(kg)             | 300         | 350          | 300/500     | 800          |
| Max. height (mm)         | 900         | 1500         | 900         | 1000         |
| Min. Height (mm)         | 340         | 350          | 340         | 420          |
| Lifting height (mm)      | 560         | 950          | 560         | 580          |
| Platform size (mm)       | 855×500×50  | 910×500×50   | 855×500×50  | 1000×510×55  |
| Distance to handle (mm)  | 970         | 970          | 970         | 996          |
| Overall length (mm)      | 925         | 980          | 925         | 1150         |
| Step times when lifting  | ≤32/≤45     | ≤60          | ≤32/≤45     | ≤70          |
| Wheel diameter (mm)      | 127         | 127          | 127         | 150          |
| Self-weight(kg)          | 82          | 105          | 87          | 115          |
| Packing size (mm)        | 950×530×360 | 1000×530×370 | 950×530×360 | 1160×610×440 |
| 20ft container load(pcs) | 120         | 120          | 120         | 120          |

This kind of hand-operated elevator is made of high-strength high-quality aluminum alloy materials, which has the advantages of beautiful appearance, small volume, light weight, lifting balance, safety and reliability, and can be operated up and down. It is widely used in exhibition halls and other places, and is the best safety partner for machine maintenance, paint decoration, lamp replacement, electrical appliances, cleaning and maintenance.



Removable castors for easy replacement



High strength steel wire rope, stable lifting



High quality aluminum, sturdy and durable

PARAMETER TABLE

| Model                    |      | ML35 | ML50 | ML65 | ML79 |
|--------------------------|------|------|------|------|------|
| Load center (mm)         | 400  | 350  | 300  | 250  | 200  |
|                          | 600  | 350  | 300  | 200  | 150  |
|                          | 800  | 250  | 250  | 150  | 100  |
|                          | 1000 | 150  | 150  | 100  | 75   |
| Max. working height (mm) |      | 3500 | 5000 | 6500 | 7900 |
| Self-weight (kg)         |      | 120  | 145  | 185  | 205  |





- With safety wedge to facilitate maintenance.
- The products are widely used in manufacturing,maintenace industries.
- Conforms to EN 1757-2,U.S.ANSI/ASME.



PARAMETER TABLE

| Model                 | WPD150     | WPD300     | WPD500     | WPD800      | WPDS1000    | WPDS350    |
|-----------------------|------------|------------|------------|-------------|-------------|------------|
| Load Capacity (kg)    | 150        | 300        | 500        | 800         | 1000        | 350        |
| Lowered Height(mm)    | 210        | 280        | 280        | 410         | 500         | 360        |
| Max. Height (mm)      | 700        | 900        | 900        | 1000        | 1700        | 1300       |
| Table Dimensions (mm) | 750x500x50 | 950x500x50 | 950x500x50 | 1016x510x50 | 1200x610x50 | 905x500x50 |
| Wheel Diameter (mm)   | 100        | 125        | 125        | 150         | 150         | 125        |
| Power (V/Kw)          | 12/0.8     | 12/0.8     | 12/0.8     | 12/0.8      | 12/1.6      | 12/0.8     |
| Battery (Ah)          | 65         | 60         | 60         | 80          | 120         | 60         |
| Input Charger(V)      | 220        | 220        | 220        | 220         | 220         | 220        |
| Net Weight (kg)       | 110        | 110        | 110        | 150         | 290         | 140        |

- With safety wedge to facilitate maintenance.
- The products are widely used in manufacturing,maintenace industries.
- Conforms to EN 1757-4,U.S.ANSI/ASME.



PARAMETER TABLE

| Model             |    | GSD500        | GSD1000       | EGSD500  | EGSD1000      |
|-------------------|----|---------------|---------------|----------|---------------|
| Load Capacity     | kg | 1000          | 1250          | 1000     | 1000          |
| Min. Fork height  | mm | 80            | 80            | 80       | 80            |
| Max. Fork height  | mm | 620/890       | 890           | 890      | 890           |
| Fork Width        | mm | 550/685       | 550/685       | 550      | 685           |
| Fork Length       | mm | 860/1100      | 1100          | 1100     | 1100          |
| Single Fork width | mm | 160           | 160           | 160      | 160           |
| Handle Height     | mm | 1030          | 1030          | 1030     | 1030          |
| Net Weight        | kg | 90/118        | 92/120        | 176      | 180           |
| Packing Size      | mm | 2200×780×1100 | 2200×640×1100 | 2200×780 | 2200×640×1100 |





Integrated charger facilitates easy and reliable charging



Precise lifting and lowering via hand lever



Safe packing in any situation with mechanical parking brake.

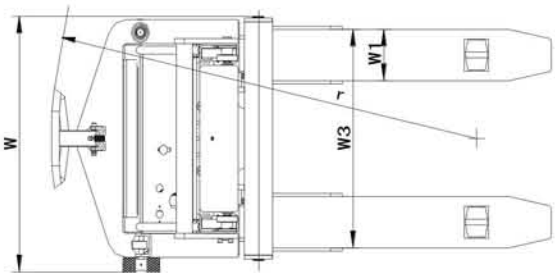
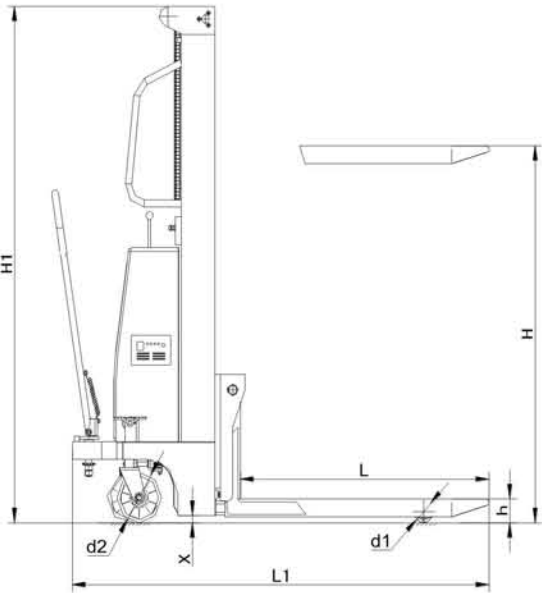
Advantages:

- Handle-caster chain assist steering system greatly reduces the labor intensity.
- Equipped with explosion-proof valve, against of sudden drop of forks and prevent operator from harm.
- Over-discharge protection device greatly prolongs the battery life.
- Overall type adjustable forks, which can be lowered to the same level of the legs.
- Chain connect side wheel and handle, easy for steering.
- Easy operating foot brake.

Semi-electric stacker is an economical choice for a variety of basic material handling needs, which is a half electric forklift for load and unload and short-distance transportation. There is no noise and pollution. The malfunction rate is low.

PARAMETER TABLE

| Specification                 | unit | CTD10/16                 | CTD10/20   | CTD10/25 | CTD10/30 | CTD10/35 | CTD15/16  | CTD15/20   | CTD15/25 | CTD15/30 | CTD15/35 | CTD20/16  | CTD20/20   | CTD20/25 | CTD20/30 |
|-------------------------------|------|--------------------------|------------|----------|----------|----------|-----------|------------|----------|----------|----------|-----------|------------|----------|----------|
| Capacity Q                    | Kg   | 1000                     |            |          |          |          | 1500      |            |          |          |          | 2000      |            |          |          |
| Max Height (H)                | mm   | 1600                     | 2000       | 2500     | 3000     | 3500     | 1600      | 2000       | 2500     | 3000     | 3500     | 1600      | 2000       | 2500     | 3000     |
| Load Center (C)               | mm   | 500                      |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Min Height (h)                | mm   | 85                       |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Length of Fork (L)            | mm   | 1000                     |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Width of Fork (W3)            | mm   | 680                      |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Ground clearance (x)          | mm   | 25                       |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Max Lift Speed (Unload)       | mm/s | 90±10%                   |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Max Lifting Speed (Load)      | mm/s | 60                       |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Max lowering Speed (Load)     | mm/s | ≤280                     |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Minimum Turning Radius (R)    | mm   | 1500                     |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Rear Wheel size(d1)           | mm   | φ80×70                   |            |          |          |          | φ80×93    |            |          |          |          |           |            |          |          |
| Front Wheel Size(d2)          | mm   | φ180×50                  |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Overall Length (L1)           | mm   | 1700                     |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Overall Width (W)             | mm   | 800                      |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Overall Height (H1)           | mm   | 2080                     | 1650       | 1900     | 2150     | 2300     | 2080      | 1650       | 1900     | 2150     | 2300     | 2080      | 1650       | 1900     | 2150     |
| Battery Capacity              |      | 12V-100Ah                | 12V- 120Ah |          |          |          | 12V-100Ah | 12V- 120Ah |          |          |          | 12V-100Ah | 12V- 120Ah |          |          |
| Charger                       |      | Ac220V/50Hz    Dc12V/20A |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Lifting Motor                 | KW   | DC24V-1.6KW              |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Gear Pump                     | ml/r | CBWn-F2.0                |            |          |          |          |           |            |          |          |          |           |            |          |          |
| Self Weight of Battery        | Kg   | 28                       | 35         |          |          |          | 28        | 35         |          |          |          | 28        | 35         |          |          |
| Self Weight (Without Battery) | Kg   | 312                      | 325        | 340      | 355      | 370      | 387       | 405        | 425      | 445      | 465      | 397       | 415        | 435      | 475      |







Timer & Emergency  
Stop switch & Power switch



Curtis Controller

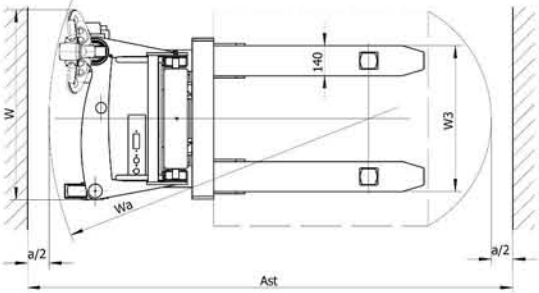
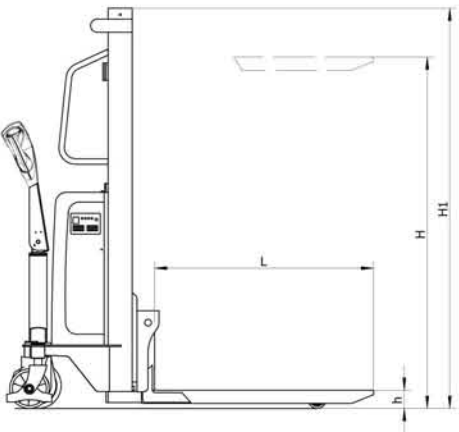
Advantages:

- Handle-caster chain assist steering system greatly reduces the labor intensity.
  - Equipped with explosion-proof valve, against of sudden drop of forks and prevent operator from harm.
  - Over-discharge protection device greatly prolongs the battery use time.
- Overall type adjustable forks, which can be lowered to the same level of the legs.
  - Chain connect side wheel and handle, easy for steering.
  - Easy operating foot brake.

Lift functions is electro hydraulic while movement is manual, suitable for all your lifting needs (racking, shelving, unloading etc). Compact design with strong steel construction.

PARAMETER TABLE

| Model                             | Unit | CTDC 1016             | CTDC 1020 | CTDC 1025 | CTDC 1030 | CTDC 1516 | CTDC 1520 | CTDC 1525 | CTDC 1530 |
|-----------------------------------|------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Load Capacity Q                   | kg   | 1000                  |           |           |           | 1500      |           |           |           |
| Lift height H                     | mm   | 1600                  | 2000      | 2500      | 3000      | 1600      | 2000      | 2500      | 3000      |
| Total height H1                   | mm   | 2080                  | 1580      | 1830      | 2080      | 2080      | 1580      | 1830      | 2080      |
| Load center C                     | mm   | 500                   |           |           |           |           |           |           |           |
| Forks clearance from the ground_h | mm   | 85                    |           |           |           |           |           |           |           |
| Fork length L                     | mm   | 1150                  |           |           |           |           |           |           |           |
| Maximum forks width W3            | mm   | 550                   |           |           |           |           |           |           |           |
| Minimum ground clearance x        | mm   | 25                    |           |           |           |           |           |           |           |
| Traction speed(unlade/lade)       | km/h | 4.5/3                 |           |           |           |           |           |           |           |
| Lifting speed(unlade)             | mm/s | 90±10%                |           |           |           |           |           |           |           |
| Lifting speed(lade)               | mm/s | 60                    |           |           |           |           |           |           |           |
| lowering speed(lade)              | mm/s | ≤300                  |           |           |           |           |           |           |           |
| Minimum turning radius r          | mm   | 1500                  |           |           |           |           |           |           |           |
| Aisle width for pallets 1000X1000 | mm   | 2350                  |           |           |           |           |           |           |           |
| Front wheel dimensions d1         | mm   | φ80×70                |           |           |           | φ80×93    |           |           |           |
| Rear wheel dimensions d2          | mm   | φ180×50               |           |           |           |           |           |           |           |
| Total length L1                   | mm   | 1800±20               |           |           |           |           |           |           |           |
| Total width W                     | mm   | 820                   |           |           |           |           |           |           |           |
| Battery volts/ampere              | V/Ah | 24/80                 |           |           |           |           |           |           |           |
| Battery Charger                   |      | AC220V/50Hz DC24V/10A |           |           |           |           |           |           |           |
| Lift motor                        | kw   | DC24V-2.2KW           |           |           |           |           |           |           |           |
| Traction motor                    | kw   | DC24V-0.75KW          |           |           |           |           |           |           |           |
| Gear pump                         | ml/r | CBWn-F2.5             |           |           |           |           |           |           |           |
| Battery weight(±5%)               | kg   | 45                    |           |           |           |           |           |           |           |
| Truck weight (without battery)    | kg   | 300                   | 360       | 390       | 420       | 320       | 380       | 410       | 440       |





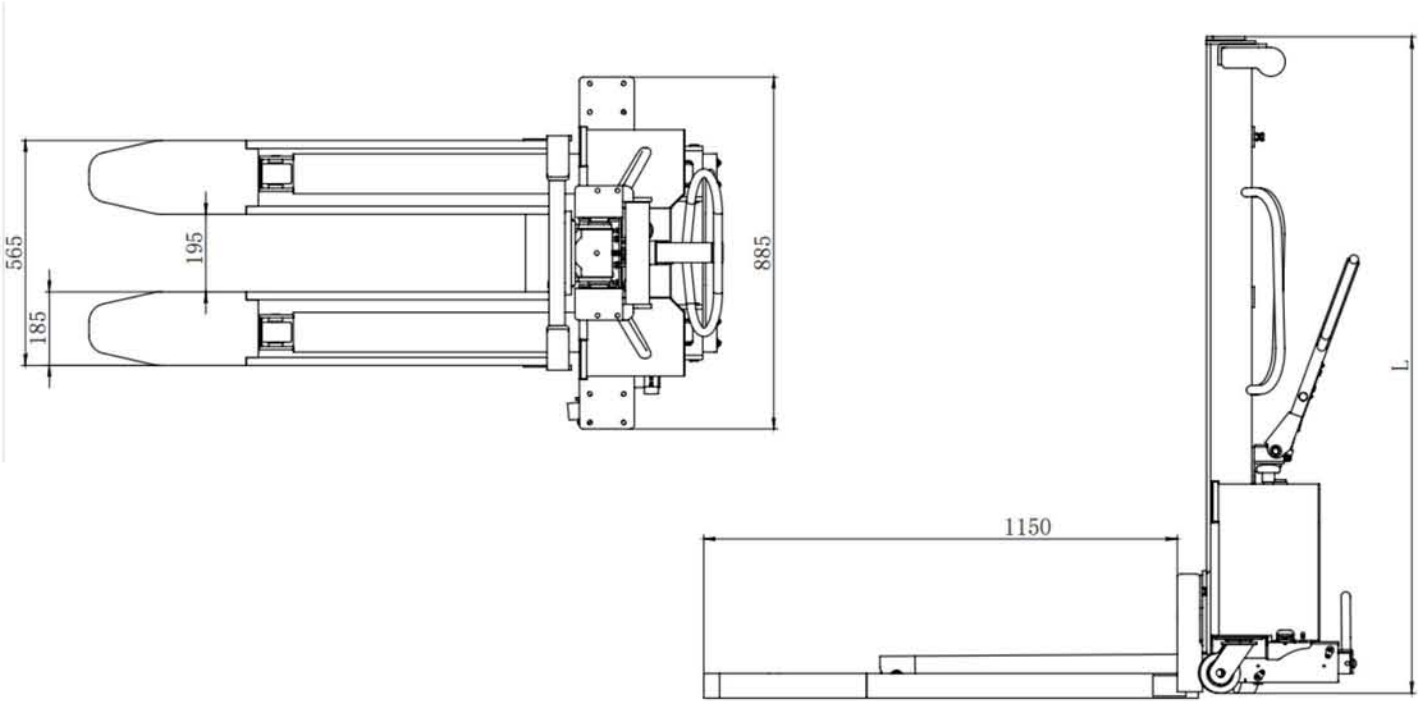


Advantages

- As a self lifting stacker, CTQS is applicable to the loading and unloading of most goods and can greatly improve the working efficiency. Applicable to cargo loading and unloading in most warehouses, wharves and other places.
- The structure of the whole vehicle is made of high-strength steel, which is durable. It uses a large capacity motor and has strong power. The tires are made of polyurethane casters, which are quiet and durable.

PARAMETER TABLE

| Performance | Model                                                                      |      | CTQS/SEMI ELECTRIC       |         |         |         |         |         |       |         | CTQS-10/SEMI ELECTRIC    |         |         |         |         |         |  |  |
|-------------|----------------------------------------------------------------------------|------|--------------------------|---------|---------|---------|---------|---------|-------|---------|--------------------------|---------|---------|---------|---------|---------|--|--|
|             | Maximum load capacity                                                      | kg   | 500/700                  | 500/700 | 500/700 | 500/700 | 500/700 | 500/700 | 500   | 1000    | 1000                     | 1000    | 1000    | 1000    | 1000    | 1000    |  |  |
|             | Load center                                                                | mm   | 450                      | 450     | 450     | 450     | 450     | 450     | 450   | 450     | 450                      | 450     | 450     | 450     | 450     | 450     |  |  |
|             | Weight (with battery)                                                      | kg   | 276/286                  | 278/289 | 284/295 | 290/302 | 295/306 | 292/303 | 302   | 332.6   | 337                      | 346     | 355     | 363     | 372     | 372     |  |  |
|             | Maximum lifting height                                                     | mm   | 800                      | 900     | 1100    | 1300    | 1500    | 1600    | 1800  | 800     | 900                      | 1100    | 1300    | 1500    | 1600    | 1800    |  |  |
|             | Lifting speed (without load)                                               | mm/s | 140                      | 140     | 140     | 140     | 140     | 140     | 140   | 65      | 65                       | 65      | 65      | 65      | 65      | 65      |  |  |
|             | Lifting speed (with load)                                                  | mm/s | 135                      | 135     | 135     | 135     | 135     | 135     | 135   | 35      | 35                       | 35      | 35      | 35      | 35      | 35      |  |  |
|             | Lowered speed (without load)                                               | mm/s | 140                      | 140     | 140     | 140     | 140     | 140     | 140   | 65      | 65                       | 65      | 65      | 65      | 65      | 65      |  |  |
|             | Lowered speed (with load)                                                  | mm/s | 145                      | 145     | 145     | 145     | 145     | 145     | 145   | 35      | 35                       | 35      | 35      | 35      | 35      | 35      |  |  |
| Dimensions  | Overall length of frame                                                    | mm   | 1578                     | 1578    | 1578    | 1578    | 1578    | 1578    | 1578  | 1560    | 1560                     | 1560    | 1560    | 1560    | 1560    | 1560    |  |  |
|             | Overall width of frame                                                     | mm   | 885                      | 885     | 885     | 885     | 885     | 885     | 885   | 913     | 913                      | 913     | 913     | 913     | 913     | 913     |  |  |
|             | Mast lowered height                                                        | mm   | 1095                     | 1195    | 1395    | 1595    | 1795    | 1895    | 2156  | 1150    | 1250                     | 1450    | 1650    | 1850    | 1950    | 2156    |  |  |
|             | Max height(mast lifted with backrest)                                      | mm   | 2360                     | 2460    | 2660    | 2860    | 3060    | 3160    | 3360  | 2385    | 2485                     | 2685    | 2885    | 3085    | 3185    | 3385    |  |  |
|             | Wheelbase                                                                  | mm   | 832                      | 832     | 832     | 832     | 832     | 832     | 832   | 845     | 845                      | 845     | 845     | 845     |         |         |  |  |
|             | Fork length                                                                | mm   | 1180                     | 1180    | 1180    | 1180    | 1180    | 1180    | 1180  | 1180    | 1180                     | 1180    | 1180    | 1180    | 1180    | 1180    |  |  |
|             | Fork outside width                                                         | mm   | 565                      | 565     | 565     | 565     | 565     | 565     | 565   | 580/626 | 580/626                  | 580/626 | 580/626 | 580/626 | 580/626 | 580/626 |  |  |
|             | Fork inside width                                                          | mm   | 195                      | 195     | 195     | 195     | 195     | 195     | 195   | 236     | 236                      | 236     | 236     | 236     | 236     | 236     |  |  |
|             | Fork thickness                                                             | mm   | 60                       | 60      | 60      | 60      | 60      | 60      | 60    | 70      | 70                       | 70      | 70      | 70      | 70      | 70      |  |  |
|             | Width of theoretical minimum aisle for right-angle stacking<br>(1000-1000) | mm   | 1200                     | 1200    | 1200    | 1200    | 1200    | 1200    | 1200  | 1200    | 1200                     | 1200    | 1200    | 1200    | 1200    | 1200    |  |  |
|             | Min frounf height                                                          | mm   | 20                       | 20      | 20      | 20      | 20      | 20      | 20    | 32      | 32                       | 32      | 32      | 32      | 32      | 32      |  |  |
|             | Fork lowered height                                                        | mm   | 90                       | 90      | 90      | 90      | 90      | 90      | 90    | 90      | 90                       | 90      | 90      | 90      | 90      | 90      |  |  |
| Tire        | Minimum turning radius                                                     | mm   | 1000                     | 1000    | 1000    | 1000    | 1000    | 1000    | 1000  | 1000    | 1000                     | 1000    | 1000    | 1000    | 1000    | 1000    |  |  |
|             | Front wheel                                                                | mm   | 80*50                    | 80*50   | 80*50   | 80*50   | 80*50   | 80*50   | 80*50 | 80*50   | 80*50                    | 80*50   | 80*50   | 80*50   | 80*51   | 80*51   |  |  |
| Battery     | Hoist motor type                                                           |      | DC                       |         |         |         |         |         |       |         |                          |         |         |         |         |         |  |  |
|             | Rated output                                                               | kw   | 0.8                      | 0.8     | 0.8     | 0.8     | 0.8     | 0.8     | 0.8   | 1.2     | 1.2                      | 1.2     | 1.2     | 1.2     | 1.2     | 1.2     |  |  |
|             | Battery Type                                                               |      | Maintenance-free battery |         |         |         |         |         |       |         | Maintenance-free battery |         |         |         |         |         |  |  |
|             | Voltage                                                                    | V    | 12                       | 12      | 12      | 12      | 12      | 12      | 12    | 12      | 12                       | 12      | 12      | 12      | 12      | 12      |  |  |
|             | Capacity                                                                   | AH   | 45                       | 45      | 45      | 45      | 45      | 45      | 45    | 45      | 45                       | 45      | 45      | 45      | 45      | 45      |  |  |







### Advantages:

- Capacity from 1.0t-2.0t, lift height(1t-1.5t) 1.6m-5.0m, 2ton from 1.6m-3.0m
- Simple structure,easy to maintain and repair.
- Long operation handle allows more light steering.
- Horizontal driving wheel,electromagnetic brake.
- CURTIS controller,MAHLE hydraulic motor.
- Safety features include a horn and belly reverse button.
- Bias type, middle driving type, straddle leg can be optional per your request
- Automatic battery charger,battery voltage indicator.
- Integral strong chassis with alloy steel insert legs.

Various capacity meet your requirement,1.0t/1.2t/1.5/2.0t.

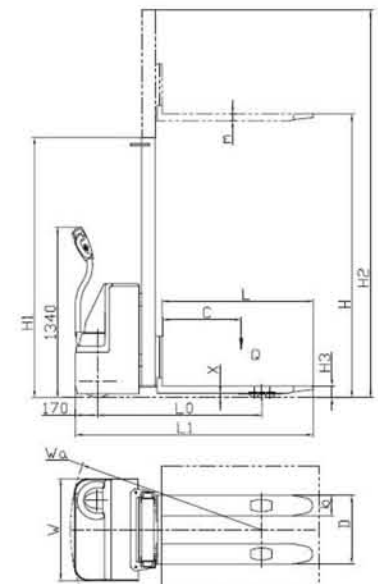
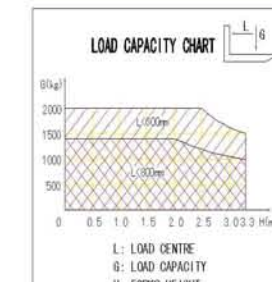
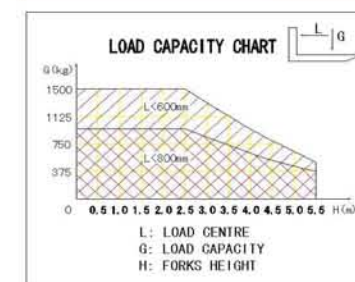
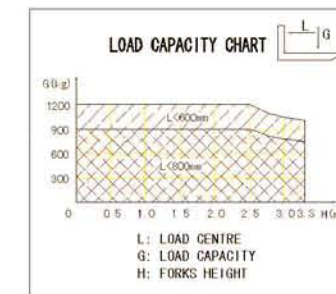
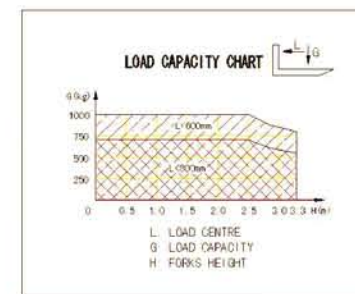
Bais walkie type, operator has very good overview.

Middle drive type and straddle type are optional.

Use lead-acid battery, long battery lift and working time.

### PARAMETER TABLE

|                 |                                         | CTQB10-16   | CTQB10-25       | CTQB10-30   | CTQB15-25   | CTQB15-30   |
|-----------------|-----------------------------------------|-------------|-----------------|-------------|-------------|-------------|
| Characteristics | 1.1 Model No.                           |             |                 |             |             |             |
|                 | 1.2 Power Type                          | Electric    |                 |             |             |             |
|                 | 1.3 Operation Type                      | Walkie Type |                 |             |             |             |
|                 | 1.4 Load Capacity                       | Q(Kg)       | 1000            | 1000        | 1000        | 1500        |
|                 | 1.5 Load Center                         | C(mm)       | 500             | 500         | 500         | 500         |
|                 | 1.6 Bearing Distance                    | X(mm)       | 720             | 720         | 720         | 720         |
|                 | 1.7 Wheelbase                           | Y(mm)       | 1197            | 1197        | 1197        | 1197        |
|                 | 1.8 Total Weight ( with Battery)        | kg          | 506             | 546         | 566         | 626         |
| Wheels, Chassis | 3.1 Wheel Type                          |             | PU              |             |             |             |
|                 | 3.2 Front Wheel                         | (mm)        | 80×70           | 80×70       | 80×70       | 80×70       |
|                 | 3.3 Driving Wheel                       | (mm)        | 210×70          | 210×70      | 210×70      | 210×70      |
|                 | 3.4 Balance Wheel                       | (mm)        | 125×50          | 125×50      | 125×50      | 125×50      |
|                 | 3.5 Front Wheel Base                    | b10(mm)     | 515.5           | 515.5       | 515.5       | 515.5       |
|                 | 3.6 Rear Wheel Base                     | b11(mm)     | 520             | 520         | 520         | 520         |
| Dimension       | 4.1 Mast Lowered Height                 | h1(mm)      | 2075            | 1825        | 2075        | 1825        |
|                 | 4.2 Lift Height                         | h3(mm)      | 1600            | 2500        | 3000        | 2500        |
|                 | 4.3 Max. Height When Lifting            | h4(mm)      | 2075            | 3037        | 3537        | 3037        |
|                 | 4.4 Fork Clearance when Mast Lowered    | h13(mm)     | 85              | 85          | 85          | 85          |
|                 | 4.5 Overall Length                      | l2(mm)      | 1785            | 1785        | 1785        | 1785        |
|                 | 4.6 Overall Width                       | b1(mm)      | 800             | 800         | 800         | 800         |
|                 | 4.7 Fork Size                           | s/e/l(mm)   | 65/165/1150     | 65/165/1150 | 65/165/1150 | 65/165/1150 |
|                 | 4.8 Fork Spread                         | b5(mm)      | 680-337         | 680-337     | 680-337     | 680-337     |
|                 | 4.9 Min. Ground Clearance               | m2(mm)      | 15.3            | 15.3        | 15.3        | 15.3        |
|                 | 4.10 Aisle Width for Pallet 1000*1200   | Ast(mm)     | 2235            | 2235        | 2235        | 2235        |
|                 | 4.11 Min. Turning Radius                | Wa(mm)      | 1380            | 1380        | 1380        | 1380        |
| Performance     | 4.12 Max. Travel Speed(Unload/Load)     | km/h        | 4/3.5           | 4/3.5       | 4/3.5       | 4/3.5       |
|                 | 4.13 Lifting Speed(Unload/Load)         | m/s         | 0.101/0.095     | 0.101/0.095 | 0.101/0.095 | 0.101/0.092 |
|                 | 5.1 Decnet Speed(Unload/Load)           | m/s         | 0.096/0.112     | 0.096/0.112 | 0.096/0.112 | 0.096/0.115 |
|                 | 5.2 Max. Climbing Ability (Unload/Load) | %           | 6/5             | 6/5         | 6/5         | 6/4.5       |
|                 | 5.3 Brake Type                          |             | Electromagnetic |             |             |             |
| Motor, Charger  | 6.1 Driving Motor                       | kw          | 0.75            | 0.75        | 0.75        | 0.75        |
|                 | 6.2 Lifting Motor                       | kw          | 2.2             | 2.2         | 2.2         | 2.2         |
|                 | 6.3 Battery Type                        |             | Lead Acid       |             |             |             |
|                 | 6.4 Battery Vol./Capacity               | V/Ah        | 24V/80Ah        | 24V/80Ah    | 24V/80Ah    | 24V/80Ah    |
|                 | 6.5 Charger                             | V/A         | 24V/10A         | 24V/10A     | 24V/10A     | 24V/10A     |
|                 | 6.6 Control Model                       |             | DC              | DC          | DC          | DC          |







NL100



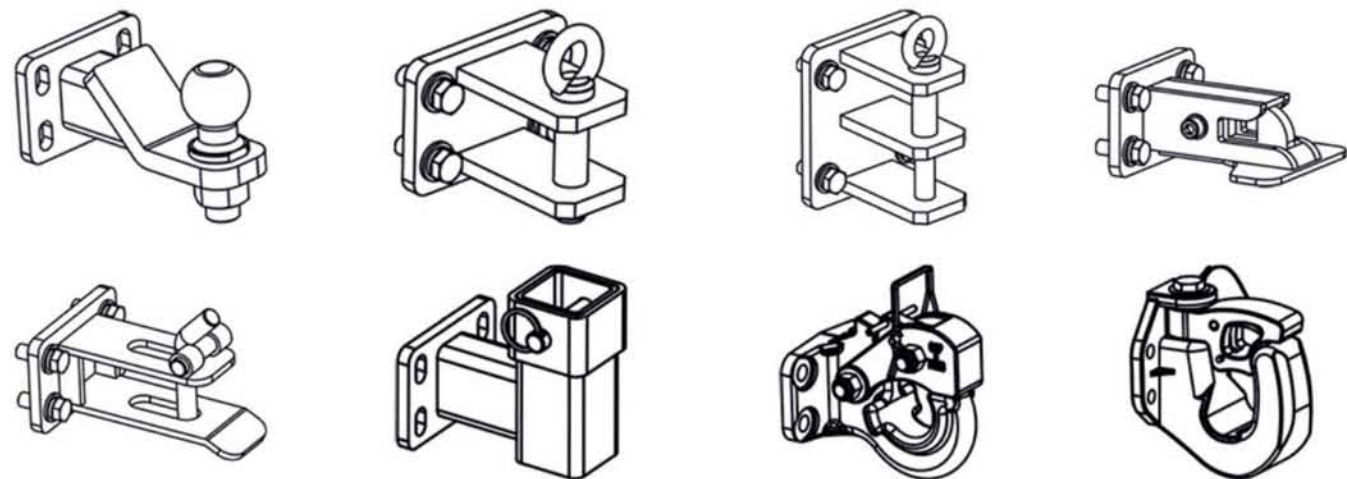
NL150

Standard configuration:

- Battery power voltage display
- Rubber solid tire
- Standard hanger
- Battery temperature display
- American CURTIS controller
- Quick battery replacement
- Emergency stop switch
- Lithium iron phosphate battery
- Key switch
- Smart charger

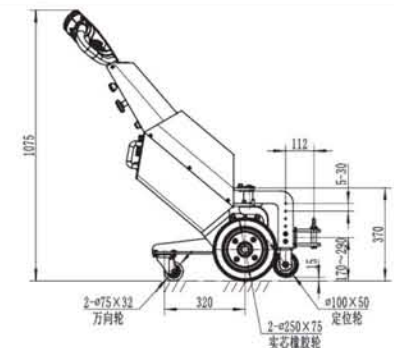
Optional configuration:

- Warning light
- Customized hanger
- Non marking solid tire
- Maintenance free battery

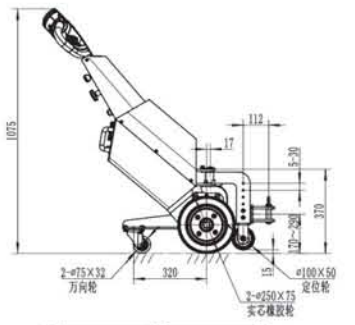


PARAMETER TABLE

| Parameters                    | Model                                              |                         | NL100                 | NL150     |
|-------------------------------|----------------------------------------------------|-------------------------|-----------------------|-----------|
|                               | Brand                                              |                         | NIULI                 |           |
|                               | Power type                                         |                         | Battery               |           |
|                               | Operating type                                     |                         | Walking style         |           |
|                               | Max. traction weight                               | kg                      | 1000                  | 1500      |
|                               | Rated pulling force                                | N                       | 300                   | 500       |
|                               | wheelbase                                          | mm                      | 320                   | 320       |
| Weight                        | Self-weight(with battery)                          |                         | 105                   | 115       |
|                               | Battery weight                                     |                         | 15                    | 15        |
| Wheels                        | Wheel type                                         |                         | PU Rubber/PU          |           |
|                               | Size of drive wheel(diameter*width)                | mm                      | 2*Φ250*75             | 4*Φ250*75 |
|                               | Size of supporting wheel(diameter*width)           | mm                      | 2*Φ75*32              | 2*Φ75*32  |
|                               | Drive wheel/supporting wheel number(x=drive wheel) | mm                      | 2x/2                  | 2x/2      |
|                               | Front gauge                                        | mm                      | 435                   | 530       |
| Dimensions                    | Total height                                       | mm                      | 1075                  | 1075      |
|                               | Height of tiller in drive postion                  | mm                      | 1010                  | 1010      |
|                               | Hook height                                        | mm                      | 170/290               | 170/290   |
|                               | Total length                                       | mm                      | 1020                  | 1020      |
|                               | Total width                                        | mm                      | 510                   | 680       |
|                               | Ground clearance                                   | mm                      | 100                   | 100       |
|                               | Turning radius                                     | mm                      | 780                   | 800       |
|                               | Performanc                                         | Drive speed load/unload | km/h                  | 3~6       |
| Max. pulling force            |                                                    | N                       | 500                   | 750       |
| Max. gradeability load/unload |                                                    | %                       | 5                     | 5         |
| Brake type                    |                                                    |                         | Electromagnetic       |           |
| Motor                         | Drive motor rating S2 60min                        | kw                      | 0.8                   | 1.0       |
|                               | Charger(external)                                  | V/A                     | 24/10                 |           |
|                               | K20 battery voltage/nominal capacity               | V/Ah                    | 24/40 Lithium battery |           |
|                               | Type of drive control                              |                         | DC                    |           |
|                               | Streering type                                     |                         | Mechanics             |           |
|                               | Noise level                                        | dB(A)                   | 70                    |           |
|                               | Type of trailer coupling                           |                         | Latch                 |           |



NL100



NL150





AC  
EPS (option)



Standing Driver System



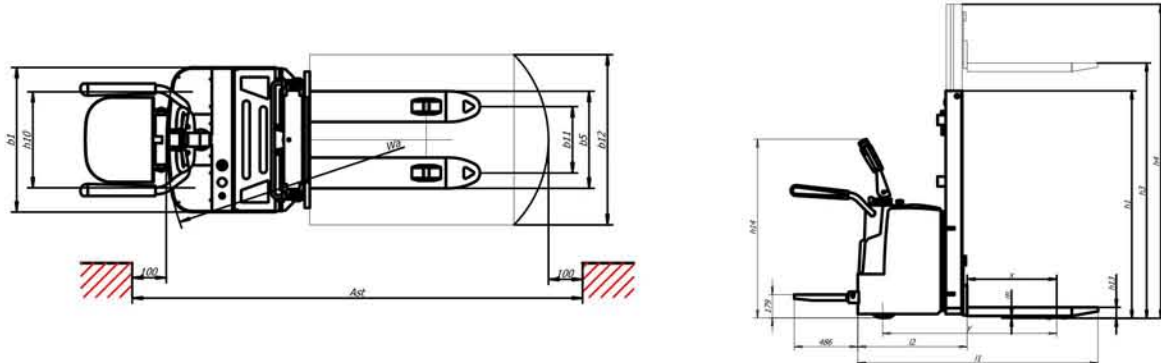
Hand Rail(option)

Advantages

- Progressiveness:**
- AC Driving motor and controller uses the most advanced foreign brands, to ensuring the smooth running of precise, vehicle with regenerative braking ramp, anti slip, motor maintenance free function.
  - Lifting motor, hydraulic power unit, an operating handle, a power plug, power display main parts list and chronograph all adopt famous brand products.
  - Suspension design using drive system, ensure the wheel and the ground contact good, the steering handiness, comfortable operation.
- Maintainability:**
- AC motor, no brush, maintenance free, greatly saves the cost.
  - Open Integrated rear cover board, making the assembly of the repair and maintenance very convenient.
  - The accurate display of power meter in harsh environments, and when the forklift failure can display fault code, convenient maintenance.

PARAMETER TABLE

|                  | Model                                  | Unit    | CTQ15/16-N                                           | CTQ15/20-N  | CTQ15/25-N | CTQ15/30-N | CTQ15/33-N | CTQ15/35-N | CTQ15/40-N  | CTQ15/45-N | CTQ15/50-N |
|------------------|----------------------------------------|---------|------------------------------------------------------|-------------|------------|------------|------------|------------|-------------|------------|------------|
| Parameters       | Drive unit                             |         | Electric                                             |             |            |            |            |            |             |            |            |
|                  | Load Capacity                          | Kg      | 1500                                                 |             |            |            |            |            |             |            |            |
|                  | Load center                            | mm      | 500                                                  |             |            |            |            |            |             |            |            |
|                  | Mast                                   |         | Single mast                                          | Double mast |            |            |            |            | Triple Mast |            |            |
|                  | Brake way                              |         | Rebirth system moves + Electric at butterfly release |             |            |            |            |            |             |            |            |
| Wheels and tyres | Tyre type                              |         | Polyurethane                                         |             |            |            |            |            |             |            |            |
|                  | Front tyre dimensions                  | mm      | φ80×60                                               |             |            |            |            |            |             |            |            |
|                  | Rear tyre dimensions                   | mm      | φ130×55                                              |             |            |            |            |            |             |            |            |
|                  | Traction wheel                         | mm      | φ230×75                                              |             |            |            |            |            |             |            |            |
|                  | Wheels quantity front/rear(x=traction) |         | 1x-4/2                                               |             |            |            |            |            |             |            |            |
| Dimensions       | Travel position tiller height          | mm      | 1050                                                 |             |            |            |            |            |             |            |            |
|                  | Lift height h3                         | mm      | 1600                                                 | 2000        | 2500       | 3000       | 3300       | 3500       | 4000        | 4500       | 5000       |
|                  | Closed height h1                       | mm      | 2080                                                 | 1580        | 1830       | 2080       | 2230       | 2330       | 1900        | 2060       | 2230       |
|                  | Forks clearance from the ground h13    | mm      | 85~90                                                |             |            |            |            |            |             |            |            |
|                  | Fork dimensions                        | S/L1/E  | 1150×160×65                                          |             |            |            |            |            |             |            |            |
|                  | Total length l1                        | mm      | 2580                                                 | 2600/2210   |            |            |            |            | 2620/2230   |            |            |
|                  | Total width b1                         | mm      | 850                                                  |             |            |            |            |            |             |            |            |
|                  | Maximum forks width b5                 | mm      | 680                                                  |             |            |            |            |            |             |            |            |
|                  | Forks inside width                     | mm      | 360                                                  |             |            |            |            |            |             |            |            |
|                  | Minimum turning radius                 | mm      | R1750                                                |             |            |            |            | R1760      |             |            |            |
|                  | Minimum turning radius(Open pedal)     | mm      | R2150                                                |             |            |            |            | R2160      |             |            |            |
| Performance      | Aisle width for pallets (1000X1000mm)  | AST mm  | 2550/2900(open pedal)                                |             |            |            |            |            |             |            |            |
|                  | Aisle width for pallets (1200x1000mm)  | mm      | 2680/3030(open pedal)                                |             |            |            |            |            |             |            |            |
|                  | Lifting speed (lade/unlade)            | mm/s    | 100/70                                               |             |            |            |            | 130/70     |             |            |            |
|                  | Lowering speed(lade/unlade)            | mm/s    | ≤500                                                 |             |            |            |            |            |             |            |            |
|                  | Traction speed(lade/unlade)            | Km/h    | 6/5                                                  |             |            |            |            |            |             |            |            |
|                  | Maximum grade ability (lade/unlade)    | %       | 15/6                                                 |             |            |            |            |            |             |            |            |
| Weight           | Truck weight (without battery)         | Kg      | 660                                                  | 725         | 750        | 785        | 805        | 820        | 850         | 870        | 890        |
|                  | Battery weight(±5%)                    | Kg      | 220                                                  |             |            |            |            |            |             |            |            |
| Motors Battery   | electrical engineering control system  |         | AC-Speed Control                                     |             |            |            |            |            |             |            |            |
|                  | Traction motor                         | KW      | 1.5                                                  |             |            |            |            |            |             |            |            |
|                  | Lift motor                             | KW      | 2.2                                                  |             |            |            |            |            |             |            |            |
|                  | Battery                                | V/Ah    | 2V×12/240                                            |             |            |            |            |            |             |            |            |
|                  | Battery Charger (Input)                | AC V/Hz | 220V/50(60)HZ                                        |             |            |            |            |            |             |            |            |
|                  | Battery Charger (Input)                | DC V/A  | 24V/30A                                              |             |            |            |            |            |             |            |            |







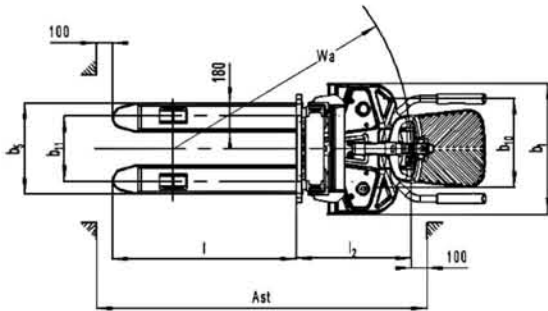
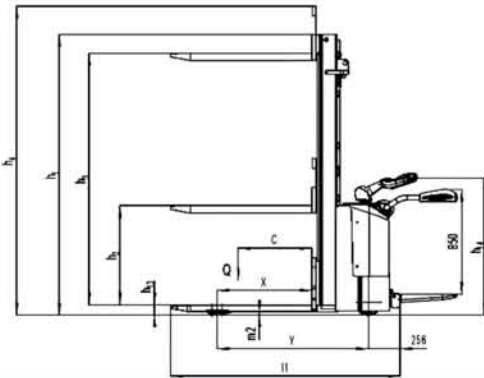
Advantages

- CTQC is an economical station driving electric stacker, which is suitable for horizontal short distance cargo transportation. It is a combination of walking and station driving vehicles. Economical and durable, with a payload of 1500kg. The vehicle body is heavy, high in strength, strong in stability, easy to install and maintain, and suitable for cargo handling in factories, warehouses, supermarkets and other places.
- CTQC whole vehicle system adopts analog circuit control, which eliminates redundant fancy functions and strengthens necessary safety functions. Besides, it also strengthens main action functions, lowers fault points, simplifies lines and makes maintenance simple
- CTQC adopts ergonomically designed intelligent handle to ensure comfortable operation and optimize the comfort of operators. All switches are integrated in the humanized touch position for convenient operation.

PARAMETER TABLE

|                |                                                             |           |                  |
|----------------|-------------------------------------------------------------|-----------|------------------|
| Parameters     | Model                                                       |           | CTQC15           |
|                | Brand                                                       |           | NIULI            |
|                | Power type                                                  |           | Battery          |
|                | Operate type                                                |           | Stand up         |
|                | Rated capacity                                              | Kg        | 1500             |
|                | Load center distance                                        | c(mm)     | 600              |
|                | Load distance, center of drive axle to fork                 | x(mm)     | 770              |
|                | Wheelbase                                                   | y(mm)     | 1232             |
|                | Self-weight(with battery)                                   | kg        | 865              |
|                | Axle loading, laden driving/load                            | kg        | 830/1535         |
| Wheel          | Axle loading, unladen driving/load                          | kg        | 663/202          |
|                | Wheel type                                                  |           | Polyurethane(PU) |
|                | Driving wheel                                               | x w (mm)  | 230*100          |
|                | Load wheel                                                  | x w (mm)  | 95*83            |
|                | Additional wheels(dimensions)                               | x w (mm)  | 230*100          |
|                | Wheels, number front/rear(x=driveing wheels)                |           | 1x+1/4           |
|                | Driving wheel wheelbase                                     | b10(mm)   | 557              |
|                | Load wheel wheelbase                                        | b11(mm)   | 410/525          |
| Dimensions     | Lift height                                                 | h3(mm)    | 3515             |
|                | Min. height                                                 | h13(mm)   | 85               |
|                | Total width                                                 | b1 (mm)   | 820              |
|                | Handle height during operation, Max./Min.                   | h14(mm)   | 1100/1360        |
|                | Total body length                                           | l2(mm)    | 717              |
|                | Ground clearance                                            | m2(mm)    | 25               |
|                | Total length                                                | l1(mm)    | 1867             |
|                | Fork dimensions                                             | s/e/l(mm) | 60/180/1150      |
|                | Fork width                                                  | b5(mm)    | 570/685          |
|                | Turning radius                                              | Wa(mm)    | 1487             |
| Performance    | Asile width for 1000*1200mm lengthways(200mm safe distance) | Ast(mm)   | 2330             |
|                | Asile width for 800*1200mm lengthways(200mm safe distance)  | Ast(mm)   | 2275             |
|                | Traction speed(load/unload)                                 | km/h      | 4.0/4.2          |
|                | Lifting speed(load/unload)                                  | mm/s      | 68/162           |
|                | lowering speed(load/unload)                                 | mm/s      | 142/136          |
|                | Max. grade ability(load/unload)                             | %         | 5/10             |
|                | Brake type                                                  |           | Electromagnetic  |
|                | Drive control mode                                          |           | DC Speed control |
| Motors&Battery | Traction motor                                              | kw        | 0.75             |
|                | Lift motor                                                  | kw        | 2.2              |
|                | Battery volts/ampere                                        | V/Ah      | 2*12/106         |
|                | Battery weight                                              | kg        | 2*34             |
|                | Energy consumption acc. to VDI cycle                        | kWh/h     | 0.7              |
|                | noise                                                       | Db        | 70               |

| Designation    |      | Lowered mast height/h1(mm) | Free lift height h2(mm) | Lift height h3(mm) | Extended mast height/h4(mm) | Lift+fork height h3+h13(mm) |
|----------------|------|----------------------------|-------------------------|--------------------|-----------------------------|-----------------------------|
| one stage mast | 1600 | 1987                       | 1510                    | 1515               | 1985                        | 1600                        |
|                | 2000 | 2378                       | 1910                    | 1915               | 2385                        | 2000                        |
|                | 2900 | 1930                       | 78                      | 2815               | 3305                        | 2900                        |
| two stage mast | 3200 | 2080                       | 78                      | 3115               | 3605                        | 3200                        |
|                | 3600 | 2280                       | 78                      | 3515               | 4005                        | 3600                        |







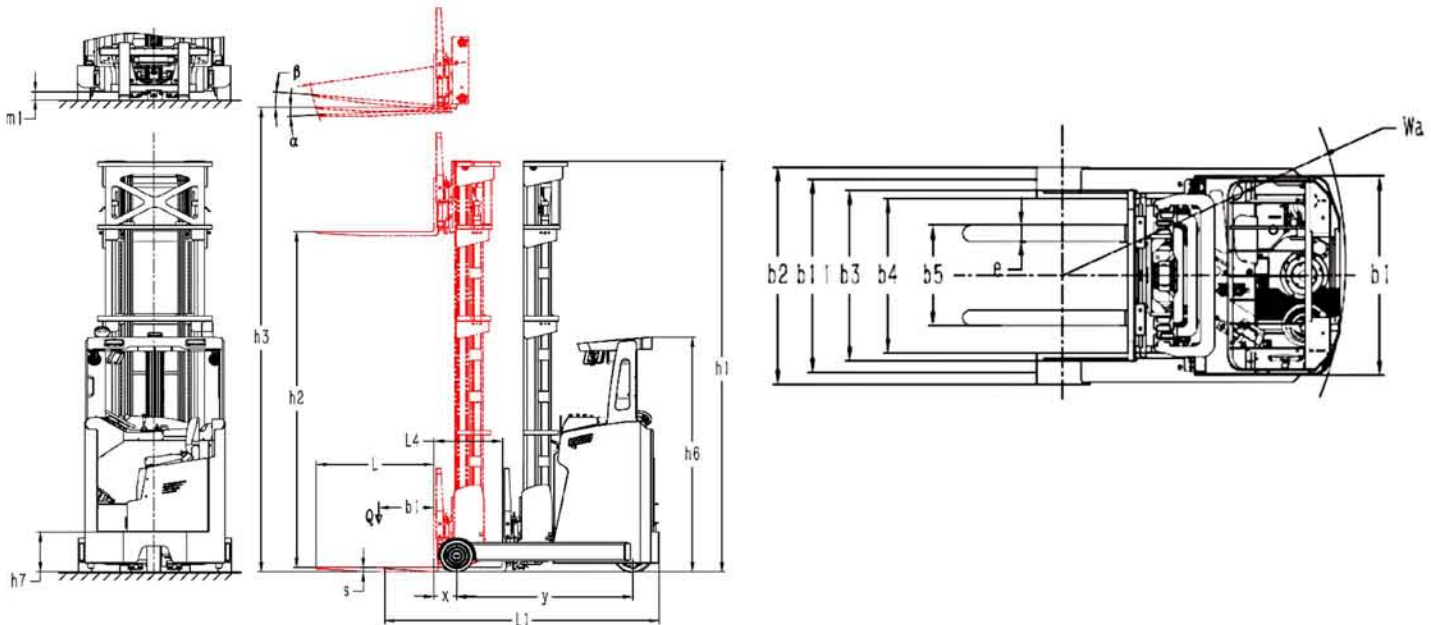
Advantages

Optional: Stand up

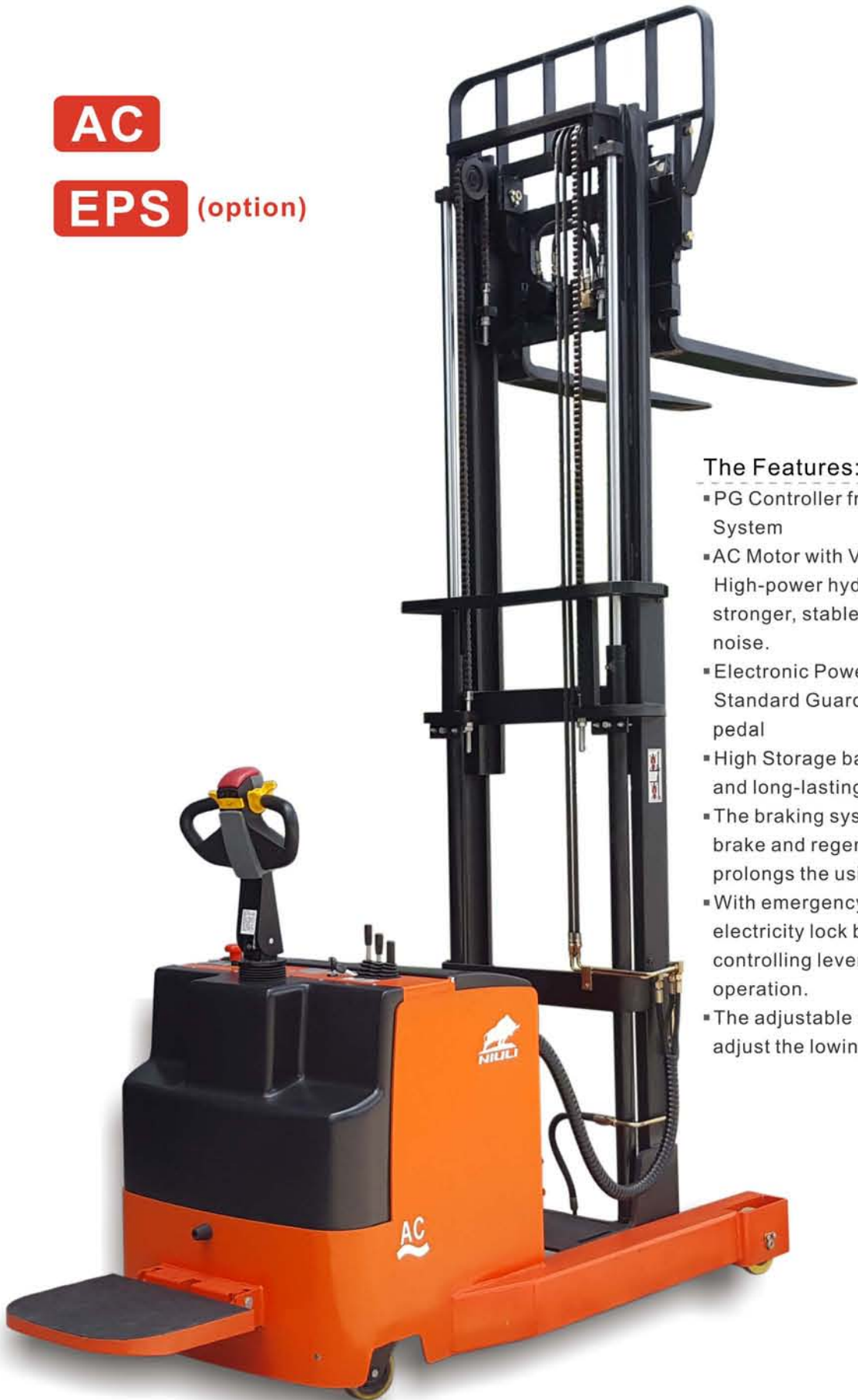
- The CTQR is equipped with a pure electric steering, which provides high operating comfort, reduces the fatigue strength of the operation, and improves the work efficiency
- With intelligent instrument panel, ergonomic design, multi-function intelligent instrument and wheel display function, the operation is more comfortable and convenient
- Gantry with high redundant capacity, high-precision gantry, no load loss below 7150mm, and the load capacity is also excellent at super high level
- The seat is adjustable, front and rear adjustable, which can provide the most comfortable operating environment for the operator and reduce fatigue
- The three-point support structure design of the car body makes the operation of the stacker more stable and flexible

PARAMETER TABLE

|                                 |                                                             | CTQR16                      | CTQR16H                | CTQR20      | CTQR20H     |             |
|---------------------------------|-------------------------------------------------------------|-----------------------------|------------------------|-------------|-------------|-------------|
| Parameters                      | Model                                                       |                             |                        |             |             |             |
|                                 | Brand                                                       | NIULI                       |                        |             |             |             |
|                                 | Power type                                                  | Battery                     |                        |             |             |             |
|                                 | Operate type                                                | Stand up                    |                        |             |             |             |
|                                 | Rated capacity                                              | kg                          | 1600                   | 2000        |             |             |
|                                 | Load center distance                                        | c(mm)                       | 500                    |             |             |             |
|                                 | Load distance, center of drive axle to fork                 | x(mm)                       | 205                    |             |             |             |
|                                 | Wheelbase                                                   | y(mm)                       | 1425                   | 1600        | 1525        | 1600        |
| Wheel                           | Self-weight(with battery)                                   | kg                          | 3710                   | 4530        | 4000        | 4670        |
|                                 | Wheel type                                                  |                             | Polyurethane(PU)       |             |             |             |
|                                 | Driving wheel                                               | mm                          | 343*108                | 350*120     | 350*120     | 350*120     |
|                                 | Load wheel                                                  | mm                          | 300*120                |             | 300*120     |             |
|                                 | Additional wheels(dimensions)                               |                             | /                      |             |             |             |
|                                 | Wheels, number front/rear(x=driveing wheels)                |                             | 2/1x                   |             |             |             |
|                                 | Driving wheel wheelbase                                     | b10(mm)                     | /                      |             |             |             |
|                                 | Load wheel wheelbase                                        | b11(mm)                     | 1170                   | 1270        | 1170        | 1270        |
| Dimensions                      | Fork tilt range, front/rear                                 | $\alpha/\beta(^{\circ})$    | 3/5                    |             |             |             |
|                                 | Lift height                                                 | h3(mm)                      | 7500                   | 10000       | 7500        | 10000       |
|                                 | Height of mast closed                                       | h1(mm)                      | 3250                   | 4184        | 3250        | 4184        |
|                                 | Full free lifting height                                    | h2(mm)                      | 2585                   | 3482        | 2585        | 3482        |
|                                 | Height of mast open(incl. load-backrest)                    | h4(mm)                      | 8470                   | 10960       | 8470        | 10960       |
|                                 | Total width                                                 | b1/b2(mm)                   | 1270/1290              | 1270/1390   | 1270/1290   | 1270/1390   |
|                                 | Total length                                                | l1(mm)                      | 2340                   | 2496        | 2421        | 2496        |
|                                 | Width of load-backrest                                      | b3(mm)                      | 1090                   | 1090        | 1090        | 1090        |
|                                 | Width of across forks                                       | b5(mm)                      | 222-750                | 222-700     | 222-772     | 222-700     |
|                                 | Inner spacing of the legs                                   | b4(mm)                      | 890                    | 990         | 890         | 990         |
|                                 | Fork dimensions                                             | l/e/s(mm)                   | 1070*100*35            | 1070*122*40 | 1070*122*40 | 1070*122*40 |
|                                 | Mast ground clearance                                       | m1                          | 75                     | 75          | 75          | 75          |
|                                 | Forward distance                                            | l4(mm)                      | 583                    | 617         | 617         | 617         |
|                                 | Turning radius                                              | Wa(mm)                      | 1700                   | 1872        | 1798        | 1872        |
|                                 | Asile width for 1000*1200mm lengthways(200mm safe distance) | Ast(mm)                     | 2814                   | 2956        | 2838        | 2912        |
|                                 | Asile width for 800*1200mm lengthways(200mm safe distance)  | Ast(mm)                     | 2814                   | 2956        | 2882        | 2956        |
|                                 | Perfomance                                                  | Traction speed(load/unload) | km/h                   | 8.5/10      |             |             |
| Lifting speed(load/unload)      |                                                             | mm/s                        | 210/340                | 200/300     | 210/340     | 260/260     |
| lowering speed(load/unload)     |                                                             | mm/s                        | 300/250                |             | 200/250     |             |
| Max. grade ability(load/unload) |                                                             | %(tan $\theta$ )            | ≤10                    |             |             |             |
| Brake type                      |                                                             |                             | Mechanical             |             |             |             |
| Motors &Battery                 | Traction motor                                              | kw                          | 5.5                    |             | 5.5         |             |
|                                 | Lift motor                                                  | kw                          | 8.6                    |             | 8.6         | 12.8        |
|                                 | Battery volts/ampere                                        | V/Ah                        | 48/300                 |             | 48/560      | 48/560      |
|                                 | Battery weight                                              | kg                          | 780                    |             | 920         |             |
|                                 | Streering system                                            |                             | EPS                    |             |             |             |
|                                 | Battery change type                                         |                             | Front pull replacement |             |             |             |





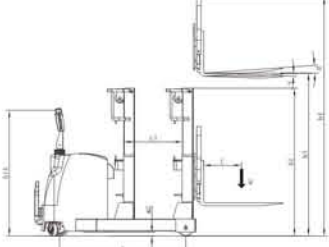
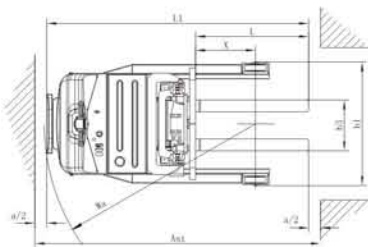
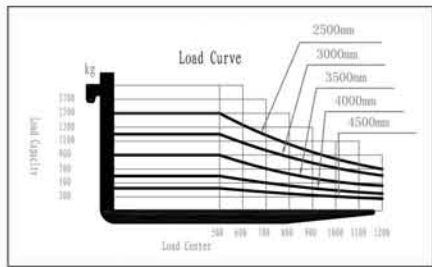


AC  
EPS (option)

- The Features:
- PG Controller from UK. CANBUS System
  - AC Motor with Vertical drive wheel High-power hydraulic power unit, stronger, stable operation and with low noise.
  - Electronic Power Steering system Standard Guardrail and cushioning pedal
  - High Storage battery ensures strong and long-lasting power.
  - The braking system combines magnetic brake and regenerative break, greatly prolongs the using lift of friction plate.
  - With emergency stop switch and electricity lock button, and multi-valve controlling levers, ergonomic for operation.
  - The adjustable regulator valve can adjust the lowering speed of the masts.

PARAMETER TABLE

|                  | Model                                  | Unit   | NRS15-25                                             | NRS15-30    | NRS15-35    | NRS15-40    | NRS15-45    |
|------------------|----------------------------------------|--------|------------------------------------------------------|-------------|-------------|-------------|-------------|
| Parameters       | Drive unit                             |        | Electric                                             |             |             |             |             |
|                  | Load Capacity                          | Kg     | 1500                                                 |             |             |             |             |
|                  | Load center                            | mm     | 500                                                  |             |             |             |             |
|                  | Mast                                   |        | Double mast                                          | Double mast | Double mast | Double mast | Triple mast |
|                  | Brake way                              |        | Rebirth system moves + Electric at butterfly release |             |             |             |             |
| Wheels and tyres | Tyre type                              |        | Polyurethane                                         |             |             |             |             |
|                  | Front tyre dimensions                  | mm     | φ180×55                                              |             |             |             |             |
|                  | Rear tyre dimensions                   | mm     | φ130×55                                              |             |             |             |             |
|                  | Traction wheel                         | mm     | φ230×75                                              |             |             |             |             |
|                  | Wheels quantity front/rear(x=traction) |        | 1x-2/2                                               |             |             |             |             |
| Dimensions       | wheel base                             |        | 460                                                  |             |             |             |             |
|                  | wheel-base (Load wheel/Balance         |        | 1480                                                 |             |             |             |             |
|                  | Ground clearance (M2)                  |        | 45                                                   |             |             |             |             |
|                  | Reach distance (L3)                    |        | 590                                                  |             |             |             |             |
|                  | Travel position tiller height          | mm     | 1300                                                 |             |             |             |             |
|                  | Lift height                            | mm     | 2500                                                 | 3000        | 3500        | 4000        | 4500        |
|                  | Closed height                          | mm     | 1720                                                 | 1970        | 2220        | 2470        | 2010        |
|                  | Forks clearance from the ground        | mm     | 35                                                   |             |             |             |             |
|                  | Fork dimensions                        | S/L1/E | 920×100×35                                           |             |             |             |             |
|                  | Total length                           | mm     | 2230                                                 |             |             |             |             |
|                  | Total width                            | mm     | 1050                                                 |             |             |             |             |
|                  | Forks, adjustable                      | mm     | 200-620                                              |             |             |             |             |
|                  | Forks, tilt forward/back               | °      | 2/4                                                  |             |             |             |             |
|                  | Minimum turning radius                 | mm     | R1785                                                |             |             |             |             |
|                  | Minimum turning radius(Open pedal)     | mm     | R2160                                                |             |             |             |             |
| Performance      | Aisle width for pallets (1200x1000mm)  | mm     | 2730                                                 |             |             |             |             |
|                  | Lifting speed (lade/unlade)            | mm/s   | 150/100                                              |             |             |             |             |
|                  | Lowering speed(lade/unlade)            | mm/s   | ≤500                                                 |             |             |             |             |
|                  | Traction speed(lade/unlade)            | Km/h   | 6/5                                                  |             |             |             |             |
|                  | Maximum grade ability (lade/unlade)    | %      | 10/5                                                 |             |             |             |             |
| Weight           | Truck weight (without battery)         | Kg     | 1880                                                 | 1940        | 2000        | 2060        | 2150        |
|                  | Battery weight(±5%)                    | Kg     | 240                                                  |             |             |             |             |
| Motors Battery   | electrical engineering control system  |        | AC-Speed Control                                     |             |             |             |             |
|                  | Traction motor                         | KW     | 1.5                                                  |             |             |             |             |
|                  | Lift motor                             | KW     | 3                                                    |             |             |             |             |
|                  | Battery                                | V/Ah   | 2V×12/270                                            |             |             |             |             |
|                  | Battery Charger (Input)                | ACV/HZ | 220V/50(60)HZ                                        |             |             |             |             |
|                  | Battery Charger (Input)                | DC V/A | 24V/40A                                              |             |             |             |             |







Reverse Side of Handle



Front of Handle



The Front Wheel



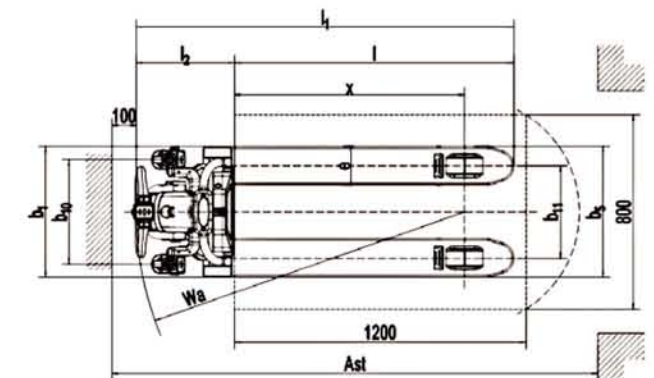
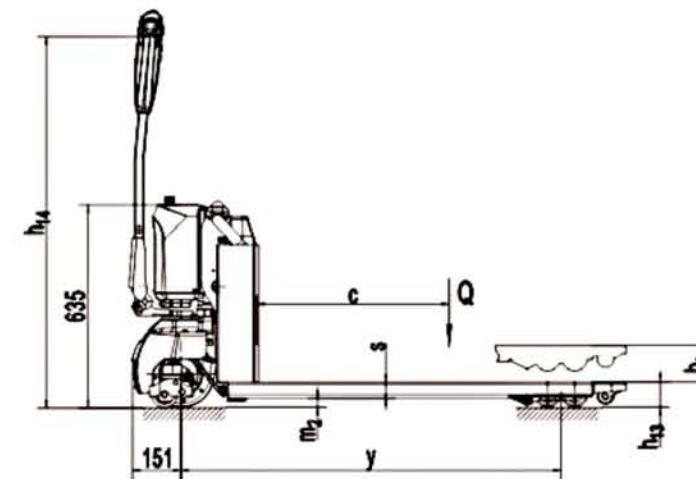
Driving Wheel

## Advantages

- NL-EPT15, as a new lithium battery carrier, is more compact and efficient than traditional manual and semi electric products. It can greatly reduce the physical damage to operators caused by long-term dragging and pressing when using manual products.
- NL-EPT15 handle is designed based on product performance, and can realize all the set functions, which is an ergonomic intelligent handle. The handle is integrated with multiple functions, which is easy to operate. The LCD power display and fault code make the vehicle condition clear at a glance.
- NL-EPT15 is equipped with maintenance free battery as standard, which can be charged quickly and when used, greatly improving the service time of the vehicle. The fixation mode of lithium battery is stable and reliable, ensuring the safety of use.

## PARAMETER TABLE

| Parameters                                                 | Model                                        | Brand                                      | NL-EPT15                    |  | NL-EPT20        |  |
|------------------------------------------------------------|----------------------------------------------|--------------------------------------------|-----------------------------|--|-----------------|--|
|                                                            |                                              |                                            | NIULI                       |  | Lithium battery |  |
| Power type                                                 | Operate type                                 | Rated capacity                             | Pedestrian                  |  | Pedestrian      |  |
|                                                            |                                              |                                            | 1500                        |  | 2000            |  |
| Load center distance                                       | Load distance, center of drive axle to fork  | Wheelbase                                  | 600                         |  | 947             |  |
|                                                            |                                              |                                            | 1189                        |  | 1189            |  |
| Self-weight(with battery)                                  | Axle loading, laden driving/load             | Axle loading, unladen driving/load         | 115                         |  | 120             |  |
|                                                            |                                              |                                            | 483/1132                    |  | 486/1134        |  |
| Wheel type                                                 | Driving wheel                                | Load wheel                                 | 93/22                       |  | 96/24           |  |
|                                                            |                                              |                                            | 100/30                      |  | 102/33          |  |
| Additional wheels(dimensions)                              | Wheels, number front/rear(x=driveing wheels) | Driving wheel wheelbase                    | Polyurethane(PU)            |  | Φ220*70         |  |
|                                                            |                                              |                                            | Φ80*70(80*93)               |  | Φ80*30          |  |
| Load wheel wheelbase                                       | Lift height                                  | Min. height                                | 1x2(1x/4) or 1x+2/2(1x+2/4) |  | 115             |  |
|                                                            |                                              |                                            | 380                         |  | 80              |  |
| Total width                                                | Total body length                            | Ground clearance                           | 525                         |  | 540             |  |
|                                                            |                                              |                                            | 745/1160                    |  | 393             |  |
| Fork dimensions                                            | Fork width                                   | Turning radius                             | 1543                        |  | 30              |  |
|                                                            |                                              |                                            | 60/160/1150                 |  | 1543            |  |
| Asile width for 800*1200mm lengthways(200mm safe distance) | Traction speed(load/unload)                  | Lifting speed(load/unload)                 | 540                         |  | 685             |  |
|                                                            |                                              |                                            | 1340                        |  | 1340            |  |
| Brake type                                                 | Drive control mode                           | Traction motor                             | 2013                        |  | 4.3/4.9         |  |
|                                                            |                                              |                                            | Electromagnetic             |  | 15/22           |  |
| DC speed control                                           | Lift motor                                   | Battery volts/ampere                       | 4.9/4.9                     |  | 50/26           |  |
|                                                            |                                              |                                            | 7/16                        |  | 6/16            |  |
| Energy consumption acc. to VDI cycle noise                 | Battery weight                               | Energy consumption acc. to VDI cycle noise | 0.75                        |  | 0.50            |  |
|                                                            |                                              |                                            | 24/20(24/30 24/50)          |  | 48/20           |  |
| Max. grade ability(load/unload)                            | Brake type                                   | Drive control mode                         | 6.3                         |  | 8.1             |  |
|                                                            |                                              |                                            | 0.25                        |  | 0.17            |  |
| Max. grade ability(load/unload)                            | Brake type                                   | Drive control mode                         | 70                          |  | 70              |  |
|                                                            |                                              |                                            | 70                          |  | 70              |  |







Reverse Side of Handle



Front of Handle



The Front Wheel



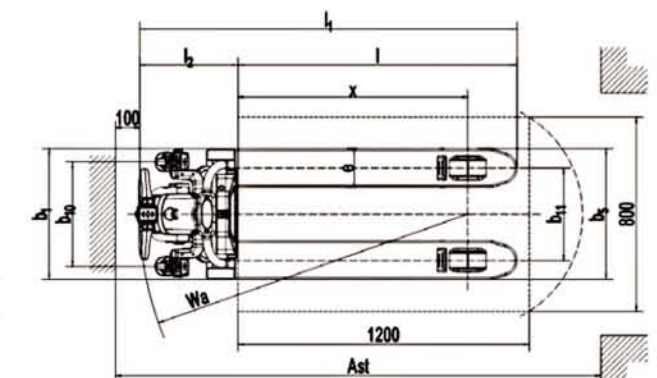
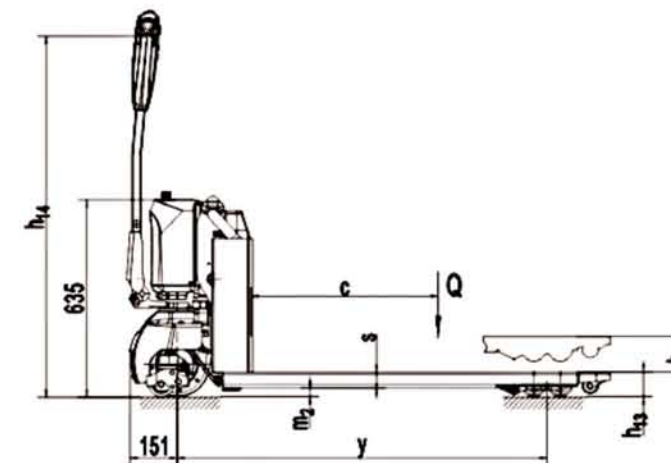
Driving Wheel

## Advantages

- NL-EPT15/20N perfectly combines the advantages of manual carrier and electric carrier. It is a high-quality carrier suitable for multiple purposes and complies with European CE standards.
- NL-EPT15/20N adopts cutting edge design and injects building block design concept to give the car a novel angular appearance
- NL-EPT15/20N has super light deadweight, super strong body structure, password lock switch, Curtis controller, handle that can walk upright, lithium batteries of various capacities are optional, and chargers of different specifications can be selected to meet different charging time requirements. The handle and auxiliary wheel can be quickly disassembled for convenient use and maintenance.

## PARAMETER TABLE

| Parameters                                   | Model                                                      |                             | NL-EPT15N                    |                  | NL-EPT20N |          |
|----------------------------------------------|------------------------------------------------------------|-----------------------------|------------------------------|------------------|-----------|----------|
|                                              | Brand                                                      |                             | NIULI                        |                  |           |          |
|                                              | Power type                                                 |                             | Lithium battery              |                  |           |          |
|                                              | Operate type                                               |                             | Pedestrian                   |                  |           |          |
|                                              | Rated capacity                                             | Kg                          | 1500                         |                  | 2000      |          |
|                                              | Load center distance                                       | c(mm)                       | 600                          |                  |           |          |
|                                              | Load distance, center of drive axle to fork                | x(mm)                       | 947                          |                  | 951       |          |
|                                              | Wheelbase                                                  | y(mm)                       | 1185                         |                  | 1189      |          |
|                                              | Self-weight(with battery)                                  | kg                          | 123                          | 126              | 149       | 153      |
|                                              | Axle loading, laden driving/load                           | kg                          | 623/1000                     | 626/1000         | 621/1528  | 625/1528 |
|                                              | Axle loading, unladen driving/load                         | kg                          | 96/97                        | 99/27            | 115/34    | 119/24   |
|                                              | Wheel                                                      | Wheel type                  |                              | Polyurethane(PU) |           |          |
| Driving wheel                                |                                                            | x w (mm)                    | Φ210*70                      |                  |           |          |
| Load wheel                                   |                                                            | x w (mm)                    | Φ80*93(80*70)                |                  |           |          |
| Additional wheels(dimensions)                |                                                            | x w (mm)                    | Φ80*30                       |                  |           |          |
| Wheels, number front/rear(x=driveing wheels) |                                                            |                             | 1x/2(1x/4) or 1x+2/2(1x+2/4) |                  |           |          |
| Driving wheel wheelbase                      |                                                            | b10(mm)                     | 430                          |                  |           |          |
| Load wheel wheelbase                         |                                                            | b11(mm)                     | 380                          | 525              | 380       | 525      |
| Dimensions                                   | Lift height                                                | h3(mm)                      | 115                          |                  |           |          |
|                                              | Min. height                                                | h13(mm)                     | 80                           |                  |           |          |
|                                              | Total width                                                | b1 (mm)                     | 540/685                      |                  |           |          |
|                                              | Handle height during operation, Max./Min.                  | h14(mm)                     | 700/1160                     |                  |           |          |
|                                              | Total body length                                          | l2(mm)                      |                              | 380              | 386       |          |
|                                              | Ground clearance                                           | m2(mm)                      |                              | 33               |           |          |
|                                              | Total length                                               | l1(mm)                      |                              | 1530             | 1536      |          |
|                                              | Fork dimensions                                            | s/e/l(mm)                   | 47/160/1150                  |                  |           |          |
|                                              | Fork width                                                 | b5(mm)                      | 540/685                      |                  |           |          |
|                                              | Turning radius                                             | Wa(mm)                      | 1330                         |                  | 1336      |          |
|                                              | Asile width for 800*1200mm lengthways(200mm safe distance) | Ast(mm)                     | 2000                         |                  | 2006      |          |
|                                              | Perfomance                                                 | Traction speed(load/unload) | km/h                         | 4.6/4.8          |           | 4.8/5.2  |
| Lifting speed(load/unload)                   |                                                            | mm/s                        | 20/25                        |                  | 17/22     |          |
| lowering speed(load/unload)                  |                                                            | mm/s                        | 50/40                        |                  | 50/30     |          |
| Max. grade ability(load/unload)              |                                                            | %                           | 6/16                         |                  | 7/16      |          |
| Brake type                                   |                                                            |                             | Electromagnetic              |                  |           |          |
| Drive control mode                           |                                                            |                             | DC speed control             |                  |           |          |
| Motors & Battery                             | Traction motor                                             | kw                          | 0.65                         |                  | 0.75      |          |
|                                              | Lift motor                                                 | kw                          | 0.5                          |                  | 0.8       |          |
|                                              | Battery volts/ampere                                       | V/Ah                        | 24/20(24/30, 24/36)          |                  | 48/20     |          |
|                                              | Battery weight                                             | kg                          | 4.6                          |                  | 7.5       |          |
|                                              | Energy consumption acc. to VDI cycle                       | kWh/h                       | 0.22                         |                  | 0.18      |          |
|                                              | noise                                                      | Db                          |                              | 70               |           |          |







AC  
EPS (option)



Timer & Emergency Stop  
Switch & Power Switch



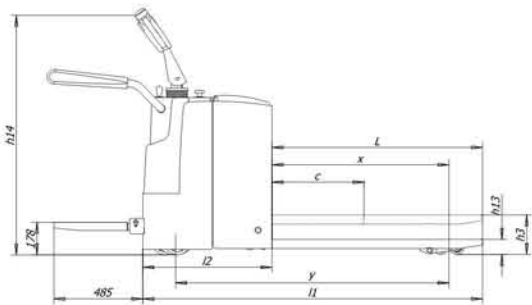
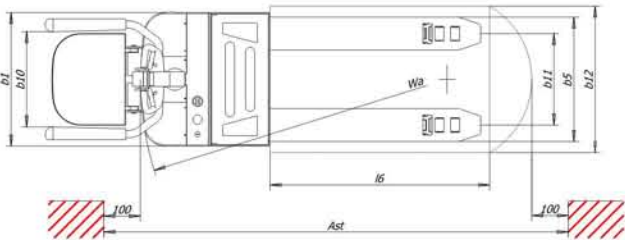
New Handle Controller

Advantages

- Progressiveness:**
- AC Driving motor and controller uses the most advanced foreign brands, to ensuring the smooth running of precise, vehicle with regenerative braking ramp, anti slip, motor maintenance free function.
  - Lifting motor, hydraulic power unit, an operating handle, a power plug , power display main parts list and chronograph all adopt famous brand products.
  - Suspension design using drive system, ensure the wheel and the ground contact good, the steering handiness, comfortable operation.
- Stability ,Safety, reliability:**
- The vehicle adopts 5 fulcrum design, including elastic mounted driving wheel, excellent stability.
  - Release acceleration button, the automatic braking, with ramp anti slide function, to ensure safe operation.
  - The two sides of the guard rail can effectively protect the safety of the operator.
  - Emergency power-off switch as standard, compliance with European safety standards.
  - Using the non-contact type micro switch, long service life.
  - Hydraulic power unite with low noise, small pressure loss. and good reliability.

PARAMETER TABLE

|                  | Model                               |      | CBD-20N                       | CBD-25N                       |
|------------------|-------------------------------------|------|-------------------------------|-------------------------------|
| Parameters       | Operate type                        |      | Stand up                      | Stand up                      |
|                  | Rated capacity                      | Kg   | 2000                          | 2500                          |
|                  | Load center                         | mm   | 600                           | 600                           |
|                  | Drive unit                          |      | Electric                      | Electric                      |
|                  | Wheelbase (y)                       | mm   | 1495                          | 1495                          |
|                  | Self weight(without battery)        | Kg   | 320                           | 340                           |
| Wheels and tyres | Driving wheel                       | mm   | φ230×75                       | φ230×75                       |
|                  | load wheel                          | mm   | φ80×70                        | φ80×70                        |
|                  | Balance wheel                       | mm   | φ130×55                       | φ130×55                       |
|                  | Balance wheel Wheelbase(mm)(b10)    | mm   | 498                           | 498                           |
|                  | load wheel Wheelbase(mm)(b11)       | mm   | 500/390                       | 500/390                       |
| Dimensions       | Max Lift height(mm) (h3)            | mm   | 200                           | 200                           |
|                  | Fork Ground clearance(mm) (h13)     | mm   | 85                            | 85                            |
|                  | Total length (mm) (L1)              | mm   | 1856                          | 1856                          |
|                  | Total width(mm) (b1)                | mm   | 730                           | 730                           |
|                  | Fork dimensions (L/W/H) mm          | mm   | 1150×180×50                   | 1150×180×50                   |
|                  | Fork width (mm) (b5)                | mm   | 680/570                       | 680/570                       |
| Performance      | Turning radius (mm) (Wa)            | mm   | 1530                          | 1530                          |
|                  | Traction speed (load/unload)        | Km/h | 5/6                           | 5/6                           |
|                  | Lifting speed (load/unload)         | mm/s | 25/30                         | 25/30                         |
|                  | Lowering speed (load/unload)        | mm/s | 30/25                         | 30/25                         |
|                  | Maximum grade ability (load/unload) | %    | 6/15                          | 6/15                          |
|                  | Brake Type                          |      | Electric at butterfly release | Electric at butterfly release |
| Motors Battery   | Traction motor                      | Kw   | 1.5Kw/24V                     | 1.5Kw/24V                     |
|                  | Lift motor                          | Kw   | 2.2Kw/24V                     | 2.2Kw/24V                     |
|                  | Battery volts/ampere                | V/Ah | 210AH                         | 210AH                         |
|                  | Battery weight                      | Kg   | 200                           | 200                           |
|                  | noise                               | dB   | 70                            | 70                            |







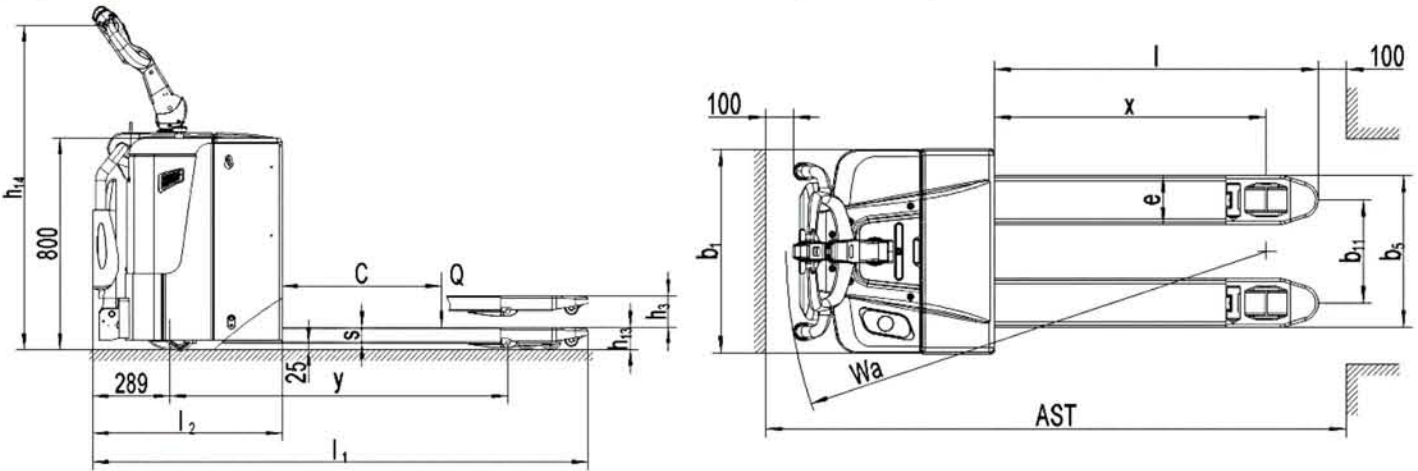
Advantages

- NL-EPTC20 is a vehicle suitable for medium and long distance transportation of goods. Foldable pedals can meet the ideal choice for most applications.
- NL-EPTC20 has high-power vertical AC drive, which ensures the high-intensity operation capability of the vehicle. Ergonomic handle design optimizes operation comfort. All switches and buttons are integrated in a humanized touch position for easy operation.
- NL-EPTC20 can optionally be equipped with suspended foldable pedals with protective arms. The wide, safe and ergonomic fixed platform is equipped with rubber cushions. The foldable pedals have greater flexibility when operating in narrow spaces.

AC  
EPS (option)

PARAMETER TABLE

|                |                                                            | NL-EPTC20                                |
|----------------|------------------------------------------------------------|------------------------------------------|
| Parameters     | Model                                                      | NIULI                                    |
|                | Brand                                                      | Niuli                                    |
|                | Power type                                                 | Battery                                  |
|                | Operate type                                               | Stand up                                 |
|                | Rated capacity                                             | 2000                                     |
|                | Load center distance                                       | 600                                      |
|                | Load distance, center of drive axle to fork                | 965                                      |
|                | Wheelbase                                                  | 1388                                     |
|                | Self-weight(with battery)                                  | 634                                      |
|                |                                                            | (with Foldable platform and gurail rail) |
| Wheel          | Axle loading, laden driving/load                           | 960/1674                                 |
|                | Axle loading, unladen driving/load                         | 514/1620                                 |
|                | Wheel type                                                 | Polyurethane(PU)                         |
|                | Driving wheel                                              | 230*75                                   |
|                | Load wheel                                                 | 84*84                                    |
|                | Additional wheels(dimensions)                              | 100*40                                   |
|                | Wheels, number front/rear(x=driveing wheels)               | 1x2/2/4                                  |
|                | Driving wheel wheelbase                                    | 500                                      |
|                | Load wheel wheelbase                                       | 367                                      |
|                | Lift height                                                | 120                                      |
| Dimensions     | Min. height                                                | 85                                       |
|                | Total width                                                | 729                                      |
|                | Handle height during operation, Max./Min.                  | 946/1338                                 |
|                | Total body length                                          | 612                                      |
|                | Ground clearance                                           | 25                                       |
|                | Total length                                               | 1762                                     |
|                | Fork dimensions                                            | 60/173/1150                              |
|                | Fork width                                                 | 540                                      |
|                | Turning radius                                             | 1585                                     |
|                | Asile width for 800*1200mm lengthways(200mm safe distance) | 2250                                     |
| Performance    | Traction speed(load/unload)                                | 6.0/6.0                                  |
|                | Lifting speed(load/unload)                                 | 27/35                                    |
|                | lowering speed(load/unload)                                | 43/27                                    |
|                | Max. grade ability(load/unload)                            | 6/10                                     |
|                | Brake type                                                 | Electromagnetic                          |
| Motors&Battery | Drive control mode                                         | AC Speed control                         |
|                | Traction motor                                             | 1.3                                      |
|                | Lift motor                                                 | 0.8                                      |
|                | Battery volts/ampere                                       | 24/180                                   |
|                | Battery weight                                             | 215                                      |
|                | Energy consumption acc. to VDI cycle                       | 0.75                                     |
|                | noise                                                      | 70                                       |







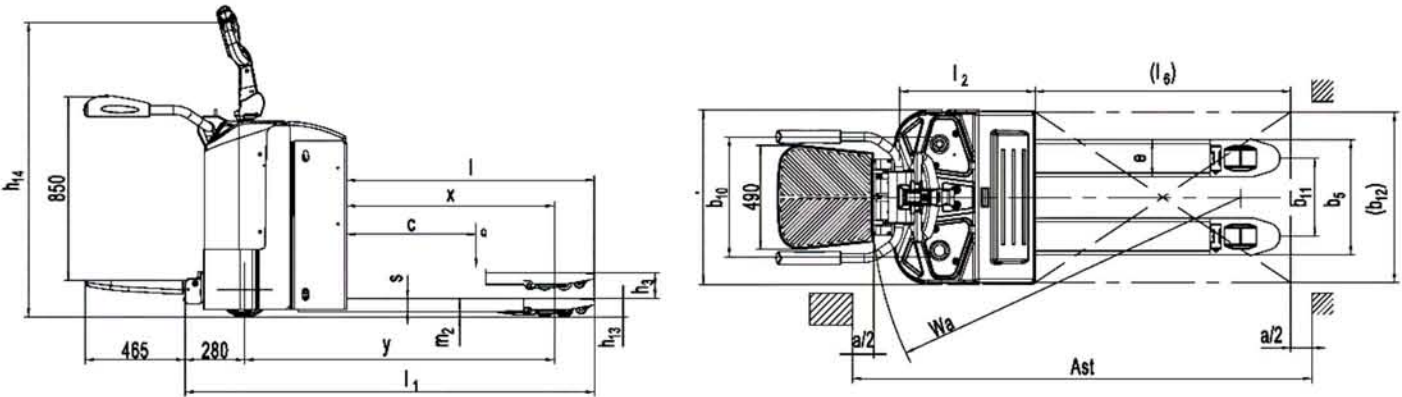
AC  
EPS (option)

Advantages

- NL-EPTQ20 electric pallet truck is suitable for horizontal medium and short distance cargo transportation. It is a combination of walking and standing driving vehicles, economical and durable, with a payload of 2000Kg. Low energy consumption, long service life, suitable for handling goods in factories, warehouses, docks and other places.
- NL-EPTQ20 is equipped with ergonomically designed intelligent handle, password lock function, power display and working time display, which makes operation easier. Equipped with emergency direction switch, turtle shaped slow speed switch and stepless speed change control, the vehicle operation is more safe.
- NL-EPTQ20 adopts 1.5kw AC horizontal drive, with stronger bearing capacity, sufficient power, stable acceleration, no need to replace carbon brush, and low maintenance cost. At the same time, it is equipped with 160AH day energy lead-acid batteries, which can be used for up to 7 hours to meet the needs of high-intensity operations.

PARAMETER TABLE

|                |                                                             |           |                         |
|----------------|-------------------------------------------------------------|-----------|-------------------------|
| Parameters     | Model                                                       |           | NL-EPTQ20               |
|                | Brand                                                       |           | NIULI                   |
|                | Power type                                                  |           | Battery                 |
|                | Operate type                                                |           | Stand up                |
|                | Rated capacity                                              | Kg        | 2000                    |
|                | Load center distance                                        | c(mm)     | 600                     |
|                | Load distance, center of drive axle to fork                 | x(mm)     | 892                     |
|                | Wheelbase                                                   | y(mm)     | 1375                    |
|                | Self-weight(with battery)                                   | kg        | 650                     |
|                | Axle loading, laden driving/load                            | kg        | 1010/1640               |
|                | Axle loading, unladen driving/load                          | kg        | 520/130                 |
| Wheel          | Wheel type                                                  |           | Polyurethane(PU)        |
|                | Driving wheel                                               | x w (mm)  | 250*80                  |
|                | Load wheel                                                  | x w (mm)  | 82*110/84*84            |
|                | Additional wheels(dimensions)                               | x w (mm)  | 100*40                  |
|                | Wheels, number front/rear(x=driveing wheels)                |           | 1x+2/4                  |
|                | Driving wheel wheelbase                                     | b10(mm)   | 560                     |
|                | Load wheel wheelbase                                        | b11(mm)   | 367/512                 |
|                | Lift height                                                 | h3(mm)    | 120                     |
| Dimensions     | Min. height                                                 | h13(mm)   | 85                      |
|                | Total width                                                 | b1 (mm)   | 820                     |
|                | Handle height during operation, Max./Min.                   | h14(mm)   | 900/1395                |
|                | Total body length                                           | l2(mm)    | 750                     |
|                | Ground clearance                                            | m2(mm)    | 25                      |
|                | Total length                                                | l1(mm)    | 1900                    |
|                | Fork dimensions                                             | s/e/l(mm) | 60/173/1150             |
|                | Fork width                                                  | b5(mm)    | 540/685                 |
|                | Turning radius                                              | Wa(mm)    | 1740                    |
|                | Asile width for 1000*1200mm lengthways(200mm safe distance) | Ast(mm)   | 2110                    |
|                | Asile width for 800*1200mm lengthways(200mm safe distance)  | Ast(mm)   | 2160                    |
| Performance    | Traction speed(load/unload)                                 | km/h      | 5.5/6                   |
|                | Lifting speed(load/unload)                                  | mm/s      | 25/30                   |
|                | lowering speed(load/unload)                                 | mm/s      | 30/25                   |
|                | Max. grade ability(load/unload)                             | %         | 8/15                    |
|                | Brake type                                                  |           | Electromagnetic braking |
| Motors&Battery | Drive control mode                                          |           | AC Speed control        |
|                | Traction motor                                              | kw        | 1.5                     |
|                | Lift motor                                                  | kw        | 0.8                     |
|                | Battery volts/ampere                                        | V/Ah      | 24/160                  |
|                | Battery weight                                              | kg        | 155                     |
|                | Energy consumption acc. to VDI cycle                        | kWh/h     | 0.32                    |
|                | noise                                                       | Db        | 69                      |







Wide gantry, greatly improving the operating vision



Electric F/R control



Crane hanging battery,  
easy to replace, with  
maximum capacity of  
450Ah



Multi function LED display,  
vehicle status is clear at  
a glance

### Features :

- Drive AC maintenance free. The driving motor is AC motor, maintenance free, powerful, without replacing the brush, with speed sensor and temperature sensor, and complete protection functions.
- Low center of gravity design. The transmission system adopts transverse sector drive axle, which is arranged in parallel and has large transmission ratio. The battery is sunk at the bottom of the frame and has high stability.
- Low noise, low vibration design. The hydraulic system adopts low-noise gear pump and full hydraulic power steering. Low noise, comfortable operation. The steering axle shock absorption design adopts flexible connection to effectively protect the whole vehicle system and extend the service life of the whole vehicle.

Optional: Lead-acid battery

## PARAMETER TABLE

| Overview     | 1.1  | Model                                      |                                 |       |       | CPD20                     |         | CPD25       |         |  |
|--------------|------|--------------------------------------------|---------------------------------|-------|-------|---------------------------|---------|-------------|---------|--|
|              | 1.2  | Manufacturer                               |                                 |       |       | NIULI                     |         |             |         |  |
|              | 1.3  | Power Type                                 |                                 |       |       | Electric                  |         |             |         |  |
|              | 1.4  | Operation Type                             |                                 |       |       | Seat                      |         |             |         |  |
|              | 1.5  | Rated capacity                             |                                 | Q     | kg    | 2000                      |         | 2500        |         |  |
|              | 1.6  | Load centre                                |                                 | c     | mm    | 500                       |         | 500         |         |  |
|              | 1.7  | Front overhang                             |                                 | x     | mm    | 468                       |         | 468         |         |  |
|              | 1.8  | Wheelbase                                  |                                 | y     | mm    | 1495                      |         | 1495        |         |  |
| weight       | 2.1  | Self weight                                |                                 |       | kg    | 3820                      |         | 4020        |         |  |
|              | 2.2  | Axle load                                  | Front/Rear(Full load)           |       | kg    | 5200/620                  |         | 5920/700    |         |  |
|              | 2.3  |                                            | Front/Rear(Empty load)          |       | kg    | 1680/2140                 |         | 1760/2360   |         |  |
| Tire chassis | 3.1  | Tire Type                                  |                                 |       |       | Solid                     |         | Solid       |         |  |
|              | 3.2  | Front                                      |                                 |       |       | 23×9-10                   |         | 23×9-10     |         |  |
|              | 3.3  | Rear                                       |                                 |       |       | 18×7-8                    |         | 18×7-8      |         |  |
|              | 3.4  | Number of tires (x = drive wheel)          |                                 |       |       | 2X/2                      |         | 2X/2        |         |  |
|              | 3.5  | Front-wheel tread                          |                                 | b3    | mm    | 1035                      |         | 1035        |         |  |
|              | 3.6  | Rear-wheel tread                           |                                 | b4    | mm    | 984                       |         | 984         |         |  |
| Dimensions   | 4.1  | Mast Tilt Angle                            | Front/Rear                      |       | α/β   | Grad                      | 5/10    |             | 5/10    |  |
|              | 4.2  | Mast closed height                         |                                 | h1    | mm    | 2055                      |         | 2055        |         |  |
|              | 4.3  | Free lift height                           |                                 | h2    | mm    | 140                       |         | 140         |         |  |
|              | 4.4  | Standard lift height                       |                                 | h3    | mm    | 3000                      |         | 3000        |         |  |
|              | 4.5  | Mast extended height (with Lifting frame)  |                                 | h4    | mm    | 3985                      |         | 3985        |         |  |
|              | 4.6  | Overhead Guard Height                      |                                 | h5    | mm    | 2140                      |         | 2140        |         |  |
|              | 4.7  | Total Length                               | With Forks                      |       | L1    | mm                        | 3407    |             | 3407    |  |
|              | 4.8  |                                            | Without Forks                   |       | L2    | mm                        | 2337    |             | 2337    |  |
|              | 4.9  | Total Width                                |                                 | b1    | mm    | 1265                      |         | 1265        |         |  |
|              | 4.1  | Fork Size (L×W×T)                          |                                 | s×e×L | mm    | 1070×125×40               |         | 1070×125×40 |         |  |
|              | 4.11 | Fork Rack Standard                         |                                 |       | mm    | ISO2A                     |         | ISO2A       |         |  |
|              | 4.12 | Fork Rack Width                            |                                 | W     | mm    | 1100                      |         | 1100        |         |  |
|              | 4.13 | Fork Spacing                               |                                 |       | mm    | 250/1040                  |         | 250/1040    |         |  |
|              | 4.14 | Minimum ground clearance                   | Lifting frame                   |       | m1    | mm                        | 120     |             | 120     |  |
|              | 4.15 |                                            | Truck Body                      |       | m2    | mm                        | 125     |             | 125     |  |
|              | 4.16 | Aisle width for pallets                    | pallets 1000×1200, Transversal  |       | Ast   | mm                        | 4288    |             | 4288    |  |
|              | 4.17 |                                            | pallets 800×1200 , Longitudinal |       | Ast   | mm                        | 4320    |             | 4320    |  |
|              | 4.18 | Minimum turning radius                     |                                 | Wa    | mm    | 2100                      |         | 2100        |         |  |
| Parameters   | 5.1  | Maximum travel speed                       | No load/Full load               |       |       | km/h                      | 18/15   |             | 18/15   |  |
|              | 5.2  | Maximum lifting speed                      | Full load/No load               |       |       | mm/s                      | 280/390 |             | 280/390 |  |
|              | 5.3  | Descending speed                           | No load/Full load               |       |       | mm/s                      | ≤600    |             | ≤600    |  |
|              | 5.4  | Traction power, laden/unladen              |                                 |       | KW    | 20                        |         | 20          |         |  |
|              | 5.5  | Gradeability                               | laden/unladen                   |       |       | %                         | 18/15   |             | 18/15   |  |
|              | 5.6  | Driving brake                              |                                 |       |       | Mechanical hydraulic type |         |             |         |  |
|              | 5.7  | Parking brake                              |                                 |       |       | Mechanical type           |         |             |         |  |
| Electrical   | 6.1  | Traction motor power, S2 60min work system |                                 |       | kW    | 17                        |         | 17          |         |  |
|              | 6.2  | Lifting motor power, S3 15% work system    |                                 |       | kW    | 13                        |         | 13          |         |  |
|              | 6.3  | Specification of battery(Voltage/Capacity) |                                 |       | V/Ah  | 80V/225Ah/350Ah/450Ah     |         |             |         |  |
| Other        | 7.1  | Driving control system                     |                                 |       |       | MOSFET/AC                 |         |             |         |  |
|              | 7.2  | Controller brand                           |                                 |       |       | MEGMEET / CURTIS / ZAPI   |         |             |         |  |
|              | 7.4  | Noise                                      |                                 |       | dB    | 74                        |         | 74          |         |  |
|              | 7.5  | Traction pin diameter                      |                                 |       |       | φ25                       |         | φ25         |         |  |
|              | 7.6  | Hydraulic oil tank capacity                |                                 |       | liter | 50                        |         | 50          |         |  |





Wide gantry, greatly improving the operating vision



Electric F/R control



Crane hanging battery, easy to replace, with maximum capacity of 450Ah



Multi function LED display, vehicle status is clear at a glance

### Features :

Optional: Lead-acid battery

- Drive AC maintenance free. The driving motor is AC motor, maintenance free, powerful, without replacing the brush, with speed sensor and temperature sensor, and complete protection functions.
- Low center of gravity design. The transmission system adopts transverse sector drive axle, which is arranged in parallel and has large transmission ratio. The battery is sunk at the bottom of the frame and has high stability.
- Low noise, low vibration design. The hydraulic system adopts low-noise gear pump and full hydraulic power steering. Low noise, comfortable operation. The steering axle shock absorption design adopts flexible connection to effectively protect the whole vehicle system and extend the service life of the whole vehicle.

### PARAMETER TABLE

|              |      |                                            |                                |    |       | CPD30                     | CPD35       |
|--------------|------|--------------------------------------------|--------------------------------|----|-------|---------------------------|-------------|
|              |      |                                            |                                |    |       | NIULI                     |             |
| Overview     | 1.1  | Model                                      |                                |    |       | Electric                  |             |
|              | 1.2  | Manufacturer                               |                                |    |       | Seat                      |             |
|              | 1.3  | Power Type                                 |                                |    |       |                           |             |
|              | 1.4  | Operation Type                             |                                |    |       |                           |             |
|              | 1.5  | Rated capacity                             | Q                              | kg |       | 3000                      | 3500        |
|              | 1.6  | Load centre                                | c                              | mm |       | 500                       | 500         |
|              | 1.7  | Front overhang                             | x                              | mm |       | 473                       | 495         |
|              | 1.8  | Wheelbase                                  | y                              | mm |       | 1495                      | 1500        |
| Weight       | 2.1  | Self weight                                |                                | kg |       | 4520                      | 5150        |
|              | 2.2  | Axle load                                  | Front/Rear(Full load)          |    | kg    | 6846/794                  | 6846/794    |
|              | 2.3  |                                            | Front/Rear(Empty load)         |    | kg    | 1940/2700                 | 1940/2700   |
| Tire chassis | 3.1  | Tire Type                                  |                                |    |       | Pneumatic/Solid           |             |
|              | 3.2  | Front                                      |                                |    |       | 23×9-10                   | 23×9-10     |
|              | 3.3  | Rear                                       |                                |    |       | 18×7-8                    | 18×7-8      |
|              | 3.4  | Number of tires (x = drive wheel)          |                                |    |       | 2X/2                      | 2X/2        |
|              | 3.5  | Front-wheel tread                          | b3                             | mm |       | 1035                      | 1035        |
|              | 3.6  | Rear-wheel tread                           | b4                             | mm |       | 984                       | 984         |
| Dimensions   | 4.1  | Mast Tilt Angle                            | Front/Rear                     |    | α/β   | Grad                      | 5/10        |
|              | 4.2  | Mast closed height                         |                                |    | h1    | mm                        | 2055        |
|              | 4.3  | Free lift height                           |                                |    | h2    | mm                        | 145         |
|              | 4.4  | Standard lift height                       |                                |    | h3    | mm                        | 3000        |
|              | 4.5  | Mast extended height (with Lifting frame)  |                                |    | h4    | mm                        | 4075        |
|              | 4.6  | Overhead Guard Height                      |                                |    | h5    | mm                        | 2140        |
|              | 4.7  | Total Length                               | With Forks                     |    | L1    | mm                        | 3412        |
|              | 4.8  |                                            | Without Forks                  |    | L2    | mm                        | 2342        |
|              | 4.9  | Total Width                                |                                |    | b1    | mm                        | 1265        |
|              | 4.1  | Fork Size (L×W×T)                          | s×e×L                          | mm |       | 1070×125×45               | 1070×125×50 |
|              | 4.11 | Fork Rack Standard                         |                                |    |       | ISO3A                     | ISO3A       |
|              | 4.12 | Fork Rack Width                            |                                |    | W     | mm                        | 1100        |
|              | 4.13 | Fork Spacing                               |                                |    |       | 250/1100                  | 250/1100    |
|              | 4.14 | Minimum ground clearance                   | Lifting frame                  |    | m1    | mm                        | 120         |
|              | 4.15 |                                            | Truck Body                     |    | m2    | mm                        | 125         |
|              | 4.16 | Aisle width for pallets                    | pallets 1000×1200, Transversal |    | Ast   | mm                        | 4295        |
|              | 4.17 |                                            | pallets 800×1200, Longitudinal |    | Ast   | mm                        | 4325        |
|              | 4.18 | Minimum turning radius                     |                                |    | Wa    | mm                        | 2100        |
| Parameters   | 5.1  | Maximum travel speed                       | No load/Full load              |    | km/h  | 18/15                     | 18/15       |
|              | 5.2  | Maximum lifting speed                      | Full load/No load              |    | mm/s  | 280/390                   | 280/390     |
|              | 5.3  | Descending speed                           | No load/Full load              |    | mm/s  | ≤600                      | ≤600        |
|              | 5.4  | Traction power, laden/unladen              |                                |    | KW    | 21                        | 21          |
|              | 5.5  | Gradeability                               | laden/unladen                  |    | %     | 18/15                     | 18/15       |
|              | 5.6  | Driving brake                              |                                |    |       | Mechanical hydraulic type |             |
|              | 5.7  | Parking brake                              |                                |    |       | Mechanical type           |             |
| Electrical   | 6.1  | Traction motor power, S2 60min work system |                                |    | kW    | 17                        | 17          |
|              | 6.2  | Lifting motor power, S3 15% work system    |                                |    | kW    | 13                        | 13          |
|              | 6.3  | Specification of battery(Voltage/Capacity) |                                |    | V/Ah  | 80V/225Ah/350Ah/450Ah     |             |
| Other        | 7.1  | Driving control system                     |                                |    |       | MOSFET/AC                 |             |
|              | 7.2  | Controller brand                           |                                |    |       | MEGMEET / CURTIS / ZAPI   |             |
|              | 7.4  | Noise                                      |                                |    | dB    | 74                        | 74          |
|              | 7.5  | Traction pin diameter                      |                                |    |       | φ25                       | φ25         |
|              | 7.6  | Hydraulic oil tank capacity                |                                |    | liter | 50                        | 50          |





Multifunction LCD digital display



Electric F/R control lever system



Cowl mounted hydraulic lever offers large operation space



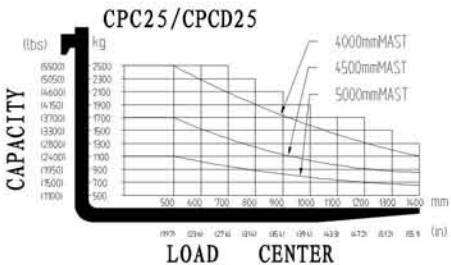
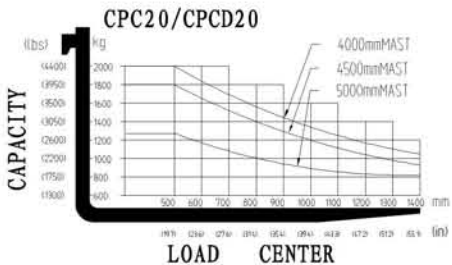
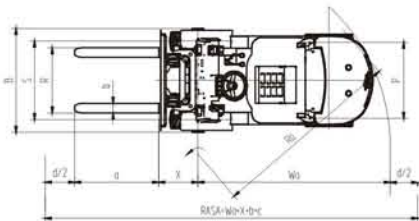
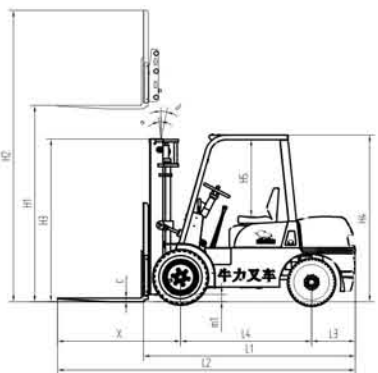
Offers different engine selection with low emission:ISUZU, YANMAR,CHINESE

Features :

- Power transmission system, overhead guard and truck frame all use dual suspension structure,Which can weaken the vibration transferred from power system wheel, control lever and seat , thus making the operator feel more comfortable during operation.
- This forklift truck is designed with high defintion liquid crystal display device which not only provides convenience for operator to understand the working condition of truck, but also broadens the visual field of operator.
- This diesel forklift truck can be designed with two stage free lifting mast or three stage mast ,luxurious and closed driving room , solid tire , sidershifter , roll clamps . clamp holder , and nonstandard forks ect , to meet your different needs .

PARAMETER TABLE

| 1  | Model                                     |  | CPC20 / CPCD20          |  | CPC25 / CPCD25       |  |
|----|-------------------------------------------|--|-------------------------|--|----------------------|--|
|    | Power Type                                |  | Diesel                  |  | Diesel               |  |
| 2  | Rated Capacity                            |  | 2000                    |  | 2500                 |  |
| 3  | Load Centre                               |  | 500                     |  | 500                  |  |
| 4  | Lift Height                               |  | 3000                    |  | 3000                 |  |
| 5  | ForkSize                                  |  | 1070x122x40             |  | 1070x122x40          |  |
| 6  | LxWxT                                     |  | mm                      |  | mm                   |  |
| 7  | Mast Tilt Angle                           |  | 6°/12°                  |  | 6°/12°               |  |
| 8  | F/R                                       |  | mm                      |  | mm                   |  |
| 9  | Front Overhang(Wheel center to fork face) |  | 480                     |  | 480                  |  |
| 10 | Ground Clearance(Bottom Of mast)          |  | 120                     |  | 120                  |  |
| 11 | Length of fork(With/Without fork)         |  | 3654/2570               |  | 3654/2570            |  |
| 12 | Overall Width                             |  | 1160                    |  | 1160                 |  |
| 13 | Mast Lowered Height                       |  | 1995                    |  | 1995                 |  |
| 14 | Mast Extended Height (With backrest)      |  | 4110                    |  | 4110                 |  |
| 15 | Overhead Guard Height                     |  | 2130                    |  | 2130                 |  |
| 16 | Turning Radius(outside)                   |  | 2340                    |  | 2340                 |  |
| 17 | Min.intersecting aisle                    |  | 2400                    |  | 2400                 |  |
| 18 | Speed                                     |  | Travel(Full/Empty load) |  | 17/19                |  |
| 19 | Lifting(Full/Empty load)                  |  | mm/s                    |  | 530/550              |  |
| 20 | Max.Gradeability                          |  | %                       |  | 20                   |  |
| 21 | Tire                                      |  | Front                   |  | 7.00-12-12PR         |  |
| 22 | Rear                                      |  | 6.00-9-10PR             |  | 6.00-9-10PR          |  |
| 23 | Wheelbase                                 |  | mm                      |  | 1600                 |  |
| 24 | Self weight                               |  | kg                      |  | 3480                 |  |
| 25 | Battery                                   |  | Voltage/Capacity        |  | 12/120               |  |
| 26 | Model                                     |  | C490BPG                 |  | C240                 |  |
| 27 | Manufacturer                              |  | XinChang                |  | ISUZU                |  |
| 28 | Rated output/r.p.m.                       |  | Kw/r.p.m                |  | 40/2650              |  |
| 29 | Rated torque/r.p.m.                       |  | Nm/r.p.m                |  | 160/1800-2000        |  |
| 30 | No.of Cylinder                            |  | 4                       |  | 4                    |  |
| 31 | Bore x Stroke                             |  | mm                      |  | 90X105               |  |
| 32 | Displacement                              |  | cc                      |  | 2670                 |  |
| 33 | Fuel Tank Capacity                        |  | L                       |  | 60                   |  |
| 34 | Transmission                              |  | Type                    |  | Mechanical/Hydraulic |  |
| 35 | Stage                                     |  | FWD/RVS                 |  | 1/1(2/2) / 1/1       |  |
| 36 | Operating Pressure for Attachment         |  | Mpa                     |  | 17.5                 |  |







Multifunction LCD digital display



Electric F/R control lever system



Adjustable steering column



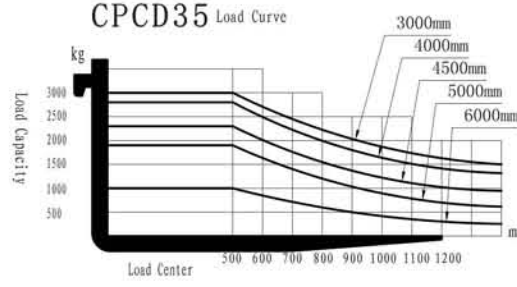
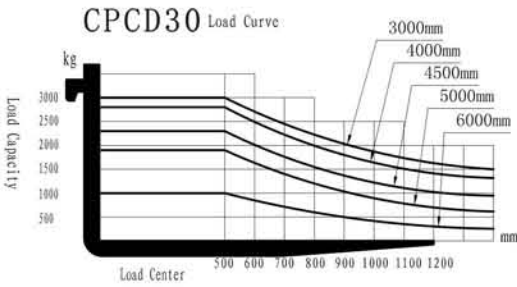
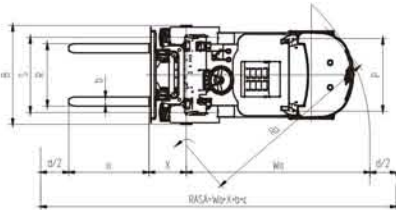
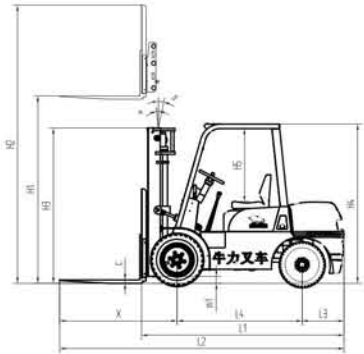
Offers different engine selection with low emission:ISUZU, YANMAR,CHINESE

Features :

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PARAMETER TABLE

| General                  | Model                                     |                                      | CPC30 / CPCD30 |                      | CPC35 / CPCD35 |                      |
|--------------------------|-------------------------------------------|--------------------------------------|----------------|----------------------|----------------|----------------------|
|                          | Power Type                                |                                      | Diesel         |                      | Diesel         |                      |
| Characteristic&Dimension | Rated Capacity                            |                                      | kg             |                      | 3500           |                      |
|                          | Load Centre                               |                                      | mm             |                      | 500            |                      |
|                          | Lift Height                               |                                      | mm             |                      | 3000           |                      |
|                          | ForkSize                                  |                                      | LxWxT          |                      | 1070X125X45    |                      |
|                          | Mast Tilt Angle                           |                                      | F/R            |                      | 6°/12°         |                      |
|                          | Front Overhang(Wheel center to fork face) |                                      | mm             |                      | 500            |                      |
|                          | Ground Clearance(Bottom Of mast)          |                                      | mm             |                      | 126            |                      |
|                          | Overall Dimension                         | Length of fork(With/Without fork)    | mm             | 3790/2700            |                | 3980/2890            |
|                          |                                           | Overall Width                        | mm             | 1230                 |                | 1230                 |
|                          |                                           | Mast Lowered Height                  | mm             | 2105                 |                | 2105                 |
|                          |                                           | Mast Extended Height (With backrest) | mm             | 4110                 |                | 4110                 |
| Performance              | Speed                                     | Travel(Full/Empty load)              | km/h           | 18/19                |                | 18/19                |
|                          |                                           | Lifting(Full/Empty load)             | mm/s           | 460/540              |                | 360/440              |
|                          | Max.Gradeability                          |                                      | %              | 20                   |                | 20                   |
| Chassis                  | Tire                                      | Front                                | 28X9-15-12PR   |                      | 28X9-15-12PR   |                      |
|                          |                                           | Rear                                 | 6.50-10-10PR   |                      | 6.50-10-10PR   |                      |
|                          | Wheelbase                                 |                                      | mm             | 1650                 |                | 1850                 |
|                          | Self weight                               |                                      | kg             | 4280                 |                | 4500                 |
| Power&Transmission       | Battery                                   | Voltage/Capacity                     |                | 12/120               |                | 12/120               |
|                          |                                           | Model                                |                | C240                 | C490BPG        | JE493G               |
|                          |                                           | Manufacturer                         |                | ISUZU                | XinChang       | ISUZU                |
|                          |                                           | Rated output/r.p.m.                  |                | Kw/r.p.m             | 34.3/2500      | 40/2650              |
|                          | Engine                                    | Rated torque/r.p.m.                  |                | Nm/r.p.m             | 137.7/1800     | 160/1800-2000        |
|                          |                                           | No.of Cylinder                       |                |                      | 4              | 4                    |
|                          |                                           | Bore x Stroke                        |                | mm                   | 86X102         | 90X105               |
|                          |                                           | Displacement                         |                | cc                   | 2369           | 2670                 |
|                          |                                           | Fuel Tank Capacity                   |                | L                    | 60             | 60                   |
|                          |                                           | Type                                 |                | Machanical/Hydraulic |                | Machanical/Hydraulic |
|                          | Transmission                              | Stage                                |                | 1/1(2/2) / 1/1       |                | 1/1(2/2) / 1/1       |
|                          |                                           | FWD/RVS                              |                |                      |                |                      |
|                          | Operating Pressure for Attachment         |                                      | Mpa            | 17.5                 |                | 17.5                 |







Electric F/R control lever system



Lowering speed safety valve



Offers different engine selection with low emission:ISUZU, MITSUBISHI,CHINESE



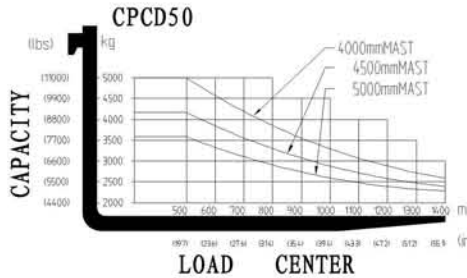
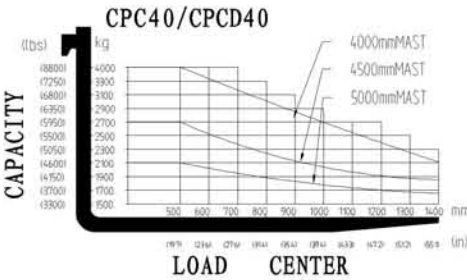
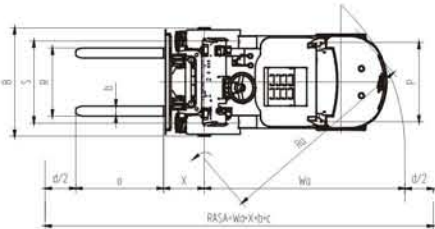
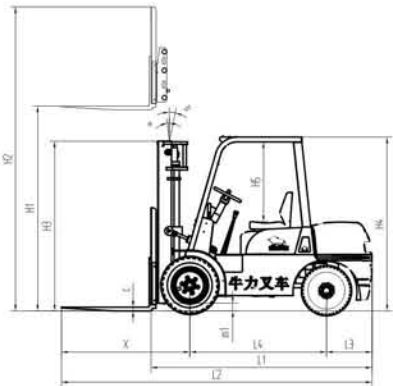
Cowl mounted hydraulic lever offers large operation space

Features :

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PARAMETER TABLE

| 1  | Model                                     |  | CPC40 / CPCD40                       |  | CPCD50                                                   |  |
|----|-------------------------------------------|--|--------------------------------------|--|----------------------------------------------------------|--|
|    | Power Type                                |  | Diesel                               |  | Diesel                                                   |  |
| 2  | Rated Capacity                            |  | kg                                   |  | 4000                                                     |  |
| 3  | Load Centre                               |  | mm                                   |  | 500                                                      |  |
| 4  | Lift Height                               |  | mm                                   |  | 3000                                                     |  |
| 5  | ForkSize                                  |  | LxWxT                                |  | 1070x150x50                                              |  |
| 6  | Mast Tilt Angle                           |  | F/R                                  |  | 6°/12°                                                   |  |
| 7  | Front Overhang(Wheel center to fork face) |  | mm                                   |  | 548                                                      |  |
| 8  | Ground Clearance(Bottom Of mast)          |  | mm                                   |  | 120                                                      |  |
| 9  | Overall Dimension                         |  | Length of fork(With/Without fork)    |  | 4064/2963                                                |  |
| 10 |                                           |  | Overall Width                        |  | 1400                                                     |  |
| 11 |                                           |  | Mast Lowered Height                  |  | 2180                                                     |  |
| 12 |                                           |  | Mast Extended Height (With backrest) |  | 4260                                                     |  |
| 13 | Turning Radius(outside)                   |  | mm                                   |  | 2185                                                     |  |
| 14 |                                           |  | mm                                   |  | 2739                                                     |  |
| 15 | Min.intersecting aisle                    |  | mm                                   |  | 2800                                                     |  |
| 16 | Speed                                     |  | Travel(Full/Empty load)              |  | km/h                                                     |  |
| 17 |                                           |  | Lifting(Full/Empty load)             |  | mm/s                                                     |  |
| 18 | Max.Gradeability                          |  | %                                    |  | 20                                                       |  |
| 19 | Tire                                      |  | Front                                |  | 250-15-18PR                                              |  |
| 20 |                                           |  | Rear                                 |  | 7.00-12-12PR                                             |  |
| 21 | Wheelbase                                 |  | mm                                   |  | 1850                                                     |  |
| 22 | Self weight                               |  | kg                                   |  | 5800                                                     |  |
| 23 | Battery                                   |  | Voltage/Capacity                     |  | 12/120                                                   |  |
| 24 | Engine                                    |  | Model                                |  | CA498 4JG2 CY6102BG S6S                                  |  |
| 25 |                                           |  | Manufacturer                         |  | DaChai ISUZU ChaoChai Mitsubishi                         |  |
| 26 |                                           |  | Rated output/r.p.m.                  |  | Kw/r.p.m 45/2450 44/2450 81/2500 52/2300                 |  |
| 27 |                                           |  | Rated torque/r.p.m.                  |  | Nm/r.p.m 190/1700-1900 186/1600-1800 353/1650 137.7/1800 |  |
| 28 |                                           |  | No.of Cylinder                       |  | 4 4 6 6                                                  |  |
| 29 |                                           |  | Bore x Stroke                        |  | mm 98X105 95.4x107 102X118 94x120                        |  |
| 30 |                                           |  | Displacement                         |  | cc 3168 3059 5795 4997                                   |  |
| 31 |                                           |  | Fuel Tank Capacity                   |  | L 90 90 110                                              |  |
| 32 | Transmission                              |  | Type                                 |  | Mechanical/Hydraulic Machanical/Hydraulic                |  |
| 33 |                                           |  | Stage                                |  | FWD/RVS 1/1(2/2) / 1/1 2/2                               |  |
| 34 | Operating Pressure for Attachment         |  | Mpa                                  |  | 17.5 18.5                                                |  |
| 35 |                                           |  |                                      |  |                                                          |  |







Electric F/R control lever system



Lowering speed safety valve



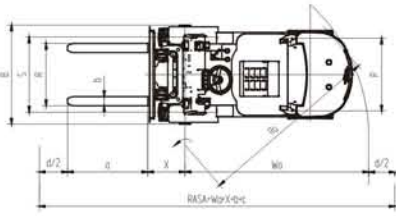
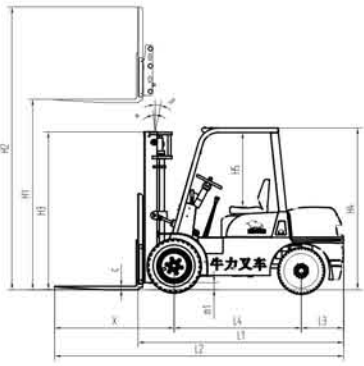
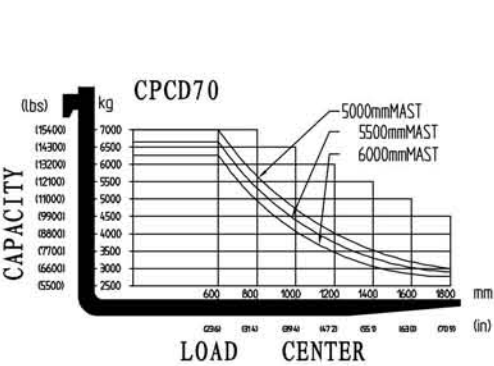
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PARAMETER TABLE

|                          |    |                                           |                                      |                     |                   |
|--------------------------|----|-------------------------------------------|--------------------------------------|---------------------|-------------------|
| General                  | 1  | Model                                     |                                      | CPCD70              |                   |
|                          | 2  | Power Type                                |                                      | Diesel              |                   |
|                          | 3  | Rated Capacity                            |                                      | kg                  | 7000              |
|                          | 4  | Load Centre                               |                                      | mm                  | 600               |
| Characteristic&Dimension | 5  | Lift Height                               |                                      | mm                  | 3000              |
|                          | 6  | Fork size                                 | LxWxT                                | mm                  | 1220x150x55       |
|                          | 7  | Mast Tilt Angle                           | F/R                                  | Deg                 | 6°/12°            |
|                          | 8  | Front Overhang(Wheel center to fork face) |                                      | mm                  | 595               |
|                          | 9  | Ground Clearance(Bottom Of mast)          |                                      | mm                  | 200               |
|                          | 10 | Overall Dimension                         | Length to face of fork(Without fork) | mm                  | 3560              |
|                          | 11 |                                           | Overall Width                        | mm                  | 2010              |
|                          | 12 |                                           | Mast Lowered Height                  | mm                  | 2500              |
|                          | 13 |                                           | Mast Extended Height (With backrest) | mm                  | 4380              |
|                          | 14 |                                           | Overhead Guard Height                | mm                  | 2470              |
| Performance              | 15 | Turning Radius(outside)                   |                                      | mm                  | 3350              |
|                          | 16 | Min.intersecting aisle                    |                                      | mm                  | 3040              |
|                          | 17 | Speed                                     | Travel(Full load)                    | km/h                | 26                |
|                          | 18 |                                           | Lifting(Full load)                   | mm/s                | 460               |
| Chassis                  | 19 | Max.Gradeability                          |                                      | %                   | 20                |
|                          | 20 | Tire                                      | Front                                | 8.25-15-14PR        |                   |
|                          | 21 |                                           | Rear                                 | 8.25-15-14PR        |                   |
|                          | 22 | Wheelbase                                 |                                      | mm                  | 2250              |
|                          | 23 | self weight                               |                                      | kg                  | 9750              |
| Power&Transmission       | 24 | Battery                                   | Voltage/Capacity                     |                     | (12V/80Ah)x2      |
|                          | 25 | Engine                                    | Model                                | CY6102BG ISUZU 6BG1 |                   |
|                          | 26 |                                           | Manufacturer                         | Chao chai ISUZU     |                   |
|                          | 27 |                                           | Rated output/r.p.m.                  | Kw/r.p.m            | 80.9/2500 82/2000 |
|                          | 28 |                                           | Rated torque/r.p.m.                  | Nm/r.p.m            | 353/1650 415/1600 |
|                          | 29 |                                           | No.of Cylinder                       | 6 6                 |                   |
|                          | 30 |                                           | Bore x Stroke                        | mm                  | 102x118 105X125   |
|                          | 31 |                                           | Displacement                         | cc                  | 5785 6494         |
|                          | 32 |                                           | Fuel Tank Capacity                   | L                   | 140 140           |
|                          | 33 | Transmission                              | Type                                 | Hydraulic           |                   |
|                          | 34 |                                           | Stage FWD/RVS                        | 2/2                 |                   |
|                          | 35 | Operating Pressure for Attachment         |                                      | Mpa                 | 19                |







Adjustable steering column



Multifunction LCD digital display



Lowering speed safety valve



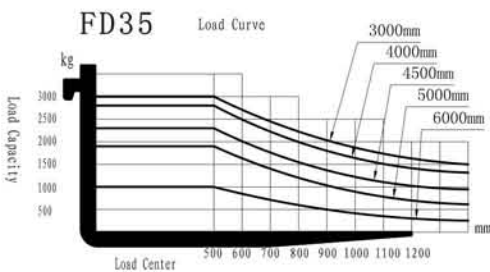
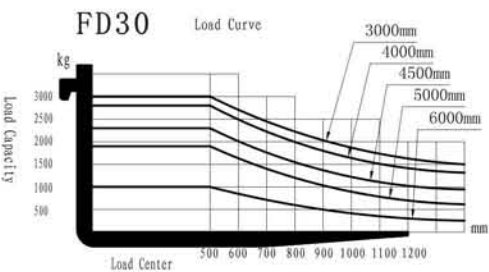
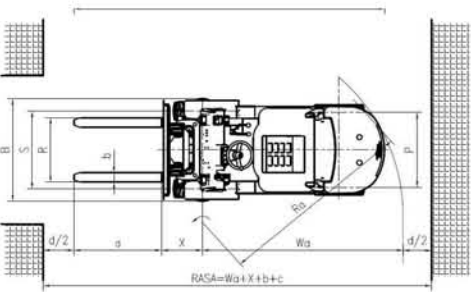
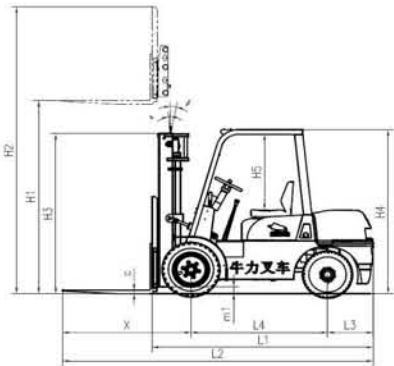
Offers different engine selection with low emission:ISUZU, YANMAR,CHINESE

Features :

- Power transmission system, overhead guard and truck frame all use dual suspension structure,Which can weaken the vibration transferred from power system wheel, control lever and seat , thus making the operator feel more comfortable during operation.
- This forklift truck is designed with high defintion liquid crystal display device which not only provides convenience for operator to understand the working condition of truck, but also broadens the visual field of operator.
- This diesel forklift truck can be designed with two stage free lifting mast or three stage mast ,luxurious and closed driving room , solid tire , sideshifter , roll clamps . clamp holder , and nonstandard forks ect , to meet your different needs .

PARAMETER TABLE

| Model                                    | Unit   | FD30                         |                  | FD35            |              |
|------------------------------------------|--------|------------------------------|------------------|-----------------|--------------|
| Power type                               |        | Deisel                       |                  | Deisel          |              |
| Operator type                            |        | seat                         |                  | seat            |              |
| Rated capacity                           | Kg     | 3000                         |                  | 3500            |              |
| Load center                              | mm     | 500                          |                  | 500             |              |
| Max lifting height[H1]                   | mm     | 3000                         |                  | 3000            |              |
| Mast tile angle/R[ α / β ]               | Deg    | 6° /12°                      |                  | 6° /12°         |              |
| Fork size[axbxc]                         | mm     | 1070x125x45                  |                  | 1070x125x50     |              |
| Overall length(with/without fork)[L1/L2] | mm     | 2682/3752                    |                  | 2693/3763       |              |
| Overall width[B]                         | mm     | 1225                         |                  | 1225            |              |
| H2                                       | mm     | 4262                         |                  | 4262            |              |
| H3                                       | mm     | 2065                         |                  | 2180            |              |
| Overhead guard height[H4]                | mm     | 2090                         |                  | 2090            |              |
| Truning Radius[Wa]                       | mm     | 2400                         |                  | 2420            |              |
| Min right angle[Ra]                      | mm     | 2380                         |                  | 2400            |              |
| Max speed                                | km/h   | 18/19                        |                  | 19/19           |              |
| Lifting                                  | mm/s   | 465/490                      |                  | 370/400         |              |
| Rate of                                  | mm/s   | 450/550                      |                  | 350/370         |              |
| Maximum drawbar                          | KN     | 20/15. 8                     |                  | 20/16           |              |
| Max.gradeabilit                          | %      | 15/20                        |                  | 20/20           |              |
| Self-weight(without load)                | Kg     | 4270                         |                  | 4700            |              |
| Tire specification                       |        | 28x9-5x12PR/ 6. 50- 10- 10PR |                  |                 |              |
| Battery                                  | V/Ah   | 12/80                        |                  | 12/80           |              |
| Engine manufacturer/ty                   |        | YANMAR 4TNE98                | XINCHANG A495BPG | QUANCHAI QC495G | ISUZU 4JG2PE |
| Engine rated power                       | KW/rpm | 42.1/2300                    | 42/2650          | 42/2650         | 44.9/2450    |
| Motor rated torque                       | Nm/rpm | 193.6/1700                   | 174/1800-2000    | 174/1980        | 184. 7/1700  |
| Clinder                                  |        | 4- 98x110                    | 4- 95x105        | 4- 95x105       | 4- 95. 4x107 |
| Engine capacity                          | L      | 3. 319                       | 2. 98            | 2. 98           | 3. 059       |
| Engine adaptation model                  |        | 3-3. 5T                      | 3-3. 5T          | 3-3. 5T         | 3-3. 4T      |
| Fuel capacity                            | L      | 70                           |                  | 70              |              |
| Working pressure                         | Mpa    | 17. 5                        |                  | 17. 5           |              |







Electric F/R control lever system



Multifunction LCD digital display



Cowl mounted hydraulic lever offers large operation space



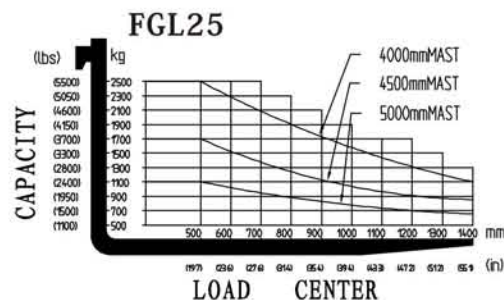
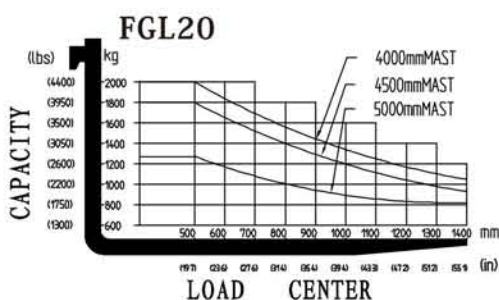
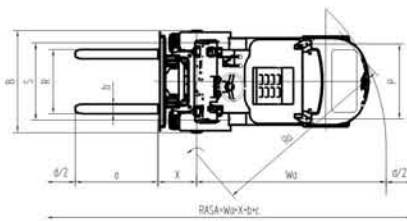
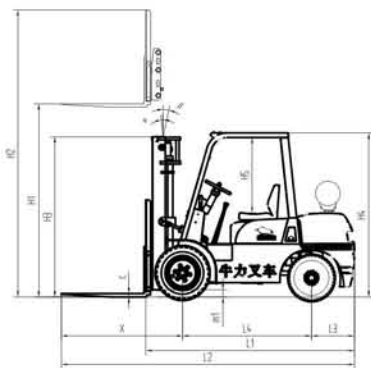
Lowering speed safety valve

Features :

- Offers various engine types such as CHINESE BY491 and NISSAN K21/K25, BRC converter made in TALY and NIKKI made in JAPAN.
- All with superior power and economic fuel consumption.
- Advanced multifunction LCD/digital display, with digital service hour meter, battery discharge indicator plus lift cut-out, clock, error code and warning displays which provide fast and accurate Monitoring truck status.
- Wide view mast, clear visibility.
- Air intake system: Air intake system mounted on the pillars of overhead guard, reduce the noise.
- Complete Security Protection System: neutral safety protection switch, reverse warning light, wide steel non-slip step.
- Engine protection lock: prevents starting the engine while engine is running. Eliminates the gear wheel damage unexpected.
- The cylinder offers new design with dual safety system: lowering safety valve and lowering limited valve: effective prevent cylinder descending suddenly should the hydraulic system unexpectedly break.
- Neutral safety start system: The electric F/R lever has to be in the neutral position before the engine can be started.
- An intelligent sensor and buffer monitoring system offers safety check valve to absorb the mast drop speed automatically to avoid crashed the floor and damage goods.
- The Parking brake lever inter-locks with the electric F/R lever, enabling the truck to automatically brake when the electric lever in neutral position.
- Low gravity design ensure stable and safety during transfer and steering. easy to operate LPG and gas exchange switch.
- All-new swing-out & drop-down tank bracket. The LPG tank can swing out 180 degrees and drops down approximately 75 degrees for effortless removal and installation.

PARAMETER TABLE

| General                  | 1  | Model                                     |                                      | FGL20                | FGL25                |
|--------------------------|----|-------------------------------------------|--------------------------------------|----------------------|----------------------|
|                          | 2  | Power Type                                |                                      | GAS/LPG              | GAS/LPG              |
| Characteristic&Dimension | 3  | Rated Capacity                            | kg                                   | 2000                 | 2500                 |
|                          | 4  | Load Centre                               | mm                                   | 500                  | 500                  |
|                          | 5  | Lift Height                               | mm                                   | 3000                 | 3000                 |
|                          | 6  | ForkSize                                  | LxWxT                                | 1070x122x40          | 1070x122x40          |
|                          | 7  | Mast Tilt Angle                           | F/R                                  | 6°/12°               | 6°/12°               |
|                          | 8  | Front Overhang(Wheel center to fork face) | mm                                   | 480                  | 480                  |
|                          | 9  | Ground Clearance(Bottom Of mast)          | mm                                   | 120                  | 120                  |
|                          | 10 | Overall Dimension                         | Length of fork(With/Without fork)    | 3654/2570            | 3654/2570            |
|                          | 11 |                                           | Overall Width                        | 1160                 | 1160                 |
|                          | 12 |                                           | Mast Lowered Height                  | 1995                 | 1995                 |
|                          | 13 |                                           | Mast Extended Height (With backrest) | 4110                 | 4110                 |
|                          | 14 |                                           | Overhead Guard Height                | 2130                 | 2130                 |
| Performance              | 15 | Turning Radius(outside)                   | mm                                   | 2340                 | 2340                 |
|                          | 16 | Min.intersecting aisle                    | mm                                   | 2400                 | 2400                 |
|                          | 17 | Speed                                     | Travel(Full/Empty load)              | km/h                 | 17/19                |
| Chassis                  | 18 |                                           | Lifting(Full/Empty load)             | mm/s                 | 530/550              |
|                          | 19 | Max.Gradeability                          | %                                    | 20                   | 20                   |
|                          | 20 | Tire                                      | Front                                | 7.00-12-12PR         | 28X9-15-12PR         |
| Power&Transmission       | 21 |                                           | Rear                                 | 6.00-9-10PR          | 6.50-10-10PR         |
|                          | 22 | Wheelbase                                 | mm                                   | 1600                 | 1850                 |
|                          | 23 | Self weight                               | kg                                   | 3480                 | 4500                 |
|                          | 24 | Battery                                   | Voltage/Capacity                     | 12/120               | 12/120               |
|                          | 25 |                                           | Model                                | K21                  | K21                  |
|                          | 26 | Engine                                    | Manufacturer                         | NISSAN               | NISSAN               |
|                          | 27 |                                           | Rated output/r.p.m.                  | Kw/r.p.m             | 31.2/2250            |
|                          | 28 |                                           | Rated torque/r.p.m.                  | Nm/r.p.m             | 143.7/1600           |
|                          | 29 |                                           | No. of Cylinder                      | 4                    | 4                    |
|                          | 30 |                                           | Bore x Stroke                        | mm                   | 89x83                |
| Transmission             | 31 | Displacement                              | cc                                   | 2065                 | 2065                 |
|                          | 32 |                                           | Fuel Tank Capacity                   | L                    | 60                   |
|                          | 33 | Type                                      |                                      | Machanical/Hydraulic | Machanical/Hydraulic |
|                          | 34 |                                           | Stage                                | 1/1(2/2) / 1/1       | 1/1(2/2) / 1/1       |
|                          | 35 | Operating Pressure for Attachment         |                                      | Mpa                  | 17.5                 |







Multifunction LCD digital display



Electric F/R control lever system



Cowl mounted hydraulic lever offers large operation space



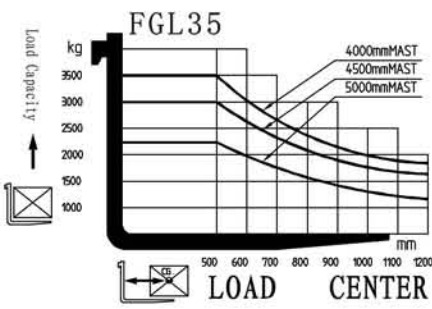
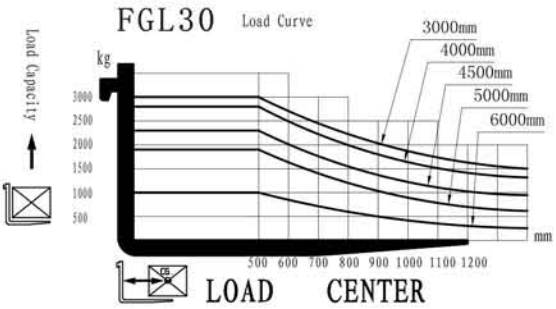
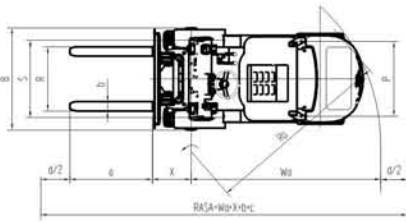
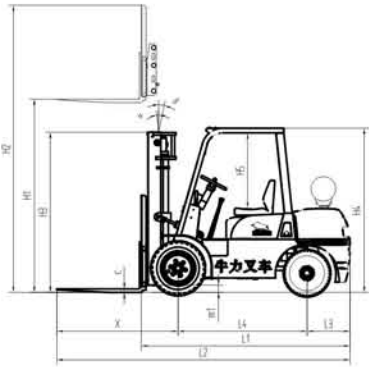
Lowering speed safety valve

Features :

- Offers various engine types such as CHINESE BY491 and NISSAN K21/K25, BRC converter made in ITALY and NIKKI made in JAPAN. All with superior power and economic fuel consumption.
- Advanced multifunction LCD/digital display, with digital service hour meter, battery discharge indicator plus lift cut-out, clock, error code and warning displays which provide fast and accurate Monitoring truck status.
- Wide view mast, clear visibility.
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- Neutral safety start system: The electric F/R lever has to be in the neutral position before the engine can be started.
- An intelligent sensor and buffer monitoring system offers safety check valve to absorb the mast drop speed automatically to avoid crashed the floor and damage goods.

PARAMETER TABLE

| General                  | Model                                     |                          | FGL30                | FGL35                |
|--------------------------|-------------------------------------------|--------------------------|----------------------|----------------------|
|                          | Power Type                                |                          | GAS/LPG              | GAS/LPG              |
| Characteristic&Dimension | Rated Capacity                            |                          | kg                   | 3500                 |
|                          | Load Centre                               |                          | mm                   | 500                  |
|                          | Lift Height                               |                          | mm                   | 3000                 |
|                          | ForkSize LxWxT                            |                          | mm                   | 1070x122x45          |
|                          | Mast Tilt Angle F/R                       |                          | Deg                  | 6°/12°               |
|                          | Front Overhang(Wheel center to fork face) |                          | mm                   | 500                  |
|                          | Ground Clearance(Bottom Of mast)          |                          | mm                   | 128                  |
|                          | Length of fork(With/Without fork)         |                          | mm                   | 3790/2700            |
|                          | Overall Width                             |                          | mm                   | 1230                 |
|                          | Mast Lowered Height                       |                          | mm                   | 2105                 |
| Performance              | Mast Extended Height (With backrest)      |                          | mm                   | 4110                 |
|                          | Overhead Guard Height                     |                          | mm                   | 2140                 |
|                          | Turning Radius(outside)                   |                          | mm                   | 2415                 |
|                          | Min.intersecting aisle                    |                          | mm                   | 2500                 |
|                          | Speed                                     | Travel(Full/Empty load)  | km/h                 | 18/19                |
|                          |                                           | Lifting(Full/Empty load) | mm/s                 | 460/540              |
|                          | Max.Gradeability                          |                          | %                    | 20                   |
| Chassis                  | Tire                                      | Front                    | 28x9-15-12PR         | 28x9-15-12PR         |
|                          |                                           | Rear                     | 6.50-10-10PR         | 6.50-10-10PR         |
|                          | Wheelbase                                 |                          | mm                   | 1650                 |
|                          | Self weight                               |                          | kg                   | 4280                 |
|                          | Battery                                   | Voltage/Capacity         | V/Ah                 | 12/120               |
|                          |                                           | Model                    | BY491                | K25                  |
|                          | Engine                                    | Manufacturer             | BAIYANG              | NISSAN               |
|                          |                                           | Rated output/r.p.m.      | Kw/r.p.m             | 36/2400              |
|                          | Transmission                              | Rated torque/r.p.m.      | Nm/r.p.m             | 155/1800             |
|                          |                                           | No.of Cylinder           | 4                    | 4                    |
| Power&Transmission       | Engine                                    | Bore x Stroke            | mm                   | 91x86                |
|                          |                                           | Displacement             | cc                   | 89x83                |
|                          | Fuel Tank Capacity                        | L                        | 2237                 | 2448                 |
|                          |                                           | Type                     | 60                   | 60                   |
|                          | Transmission                              | Machanical/Hydraulic     | Machanical/Hydraulic | Machanical/Hydraulic |
|                          |                                           | Stage                    | FWD/RVS              | 1/1(2/2) / 1/1       |
|                          | Operating Pressure for Attachment         |                          | Mpa                  | 17.5                 |
|                          |                                           |                          |                      | 17.5                 |





## FORKLIFT ATTACHMENT

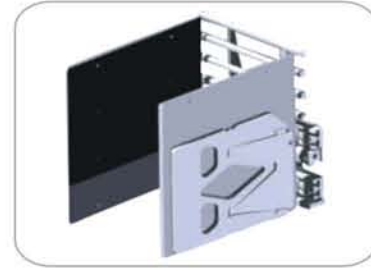
## FORKLIFT ATTACHMENT



Tyre Clamps



Bale Clamps



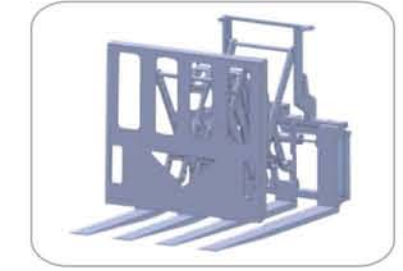
Carton Clamps



Sideshifter



Fork Positioner



Bag Load Push



Tobacco Carton Clamps



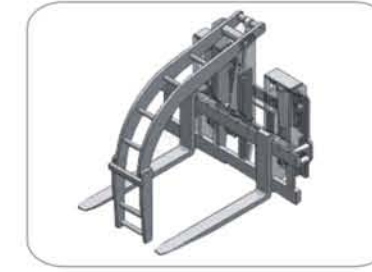
Rotator



Hinged Forks



Paper Roll Clamps



Steel Pipe Clamps



Class Handler



Drum Clamps



Flat Holding Block Clamps



Bell Type Brick Clamps



Log Holder



Broke Forks



Crane Jib



Forks Clamps



Rotating fork clamp



Foam Rubber Clamps



Carpet Boom



Load Backrest



Fork Extension



Hinged Broke Handler



Multi-Purpose Clamps



No-Arm Clamps



Fork Carriage



OPTIONAL DEVICES

- Perkins Engine
- 4-Wheel Drive
- 4-Wheel Steering
- Gas Supply in Platform
- Power Supply in Platform
- Working Light in Platform

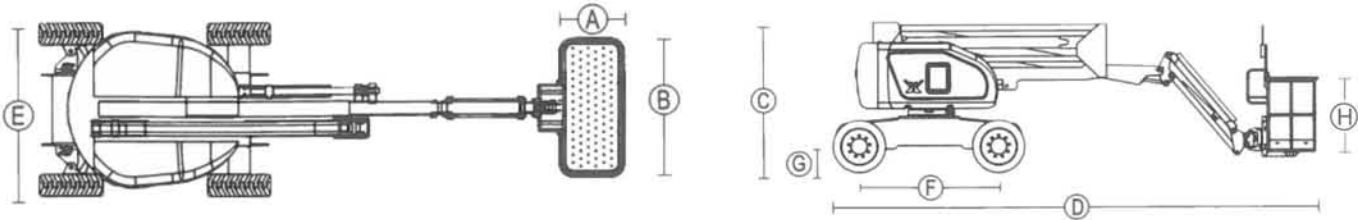
STANDARD CONFIGURATION

- Weighing System
- Working Range of Full Amplitude
- Automatic Deceleration Device
- Automatic Leveling
- 2-Wheel Drive
- 2-Wheel Steering
- High/Low Travel Speed
- Full Proportional Control
- Protection System on Uneven Ground
- Emergency Down System
- Working Table Selection
- Anti-collision Protection of Platform
- Engine Restart Protection
- Preheating of Engine
- Grade III Throttle Control of Engine
- Dust-proof Protection
- Solid Tire
- Strobe Light
- Horn



PARAMETER TABLE

| Model                                           | GTBZ14A            | GTBZ16AJ       | GTBZ18A      | GTBZ20AJ     | GTBZ22A      | GTBZ24AJ     |
|-------------------------------------------------|--------------------|----------------|--------------|--------------|--------------|--------------|
| Max. Working Height (m)                         | 16                 | 18             | 20           | 22           | 24           | 26           |
| Max. Platform Height (m)                        | 14                 | 16             | 18           | 20           | 22           | 24           |
| Max. Horizontal Reach (m)                       | 8                  | 9.5            | 10.4         | 11.7         | 13           | 13.5         |
| Overall Length(Stowed) D (m)                    | 6.2                | 6.8            | 8.25         | 9.23         | 10           | 10.5         |
| Overall Width E (m)                             | 2.3                | 2.29           | 2.35         | 2.35         | 2.5          | 2.5          |
| Overall Height(Stowed) C (m)                    | 2.35               | 2.38           | 2.38         | 2.39         | 2.8          | 2.8          |
| Platform Size BxAxH<br>(Length×width×height)(m) | 1.8×0.76×1.1       | 1.93×0.76×1.13 | 1.8×0.76×1.1 | 1.8×0.76×1.1 | 1.8×0.76×1.1 | 1.8×0.76×1.1 |
| Ground Clearance G (m)                          | 0.4                | 0.4            | 0.4          | 0.4          | 0.4          | 0.4          |
| Wheel Base F (m)                                | 2.2                | 2.2            | 2.6          | 2.6          | 2.6          | 2.6          |
| Load capacity (kg)                              | 230                | 230            | 230          | 230          | 230          | 230          |
| Turning Radius(Inside) (m)                      | 3                  | 3              | 3            | 3            | 3            | 3            |
| Turning Radius(Outside) (m)                     | 5.2                | 5.2            | 5.2          | 5.2          | 5.2          | 5.2          |
| Turntable Tilting (°)                           | 0                  | 0              | 0            | 0            | 0            | 0            |
| Turntable Turning(°)                            | 360°continuous     |                |              |              |              |              |
| Turret Rotation speed (rpm)                     | 0~0.5              | 0~0.5          | 0~0.5        | 0~0.5        | 0~0.5        | 0~0.5        |
| Platform leveling                               | Automatic leveling |                |              |              |              |              |
| Platform Rotation(°)                            | ±80                | ±80            | ±80          | ±80          | ±80          | ±80          |
| Main Jib (section )                             | 2                  | 2              | 2            | 2            | 2            | 2            |
| Main Jib Movement (°)                           | -8~+75             | -8~+75         | -8~+75       | 0~+75        | 0~+75        | 0~+75        |
| Tower Jib (section )                            | 2                  | 2              | 2            | 2            | 2            | 2            |
| Tower Jib Movement (°)                          | 0~+60              | 0~+60          | 0~+60        | 0~+75        | 0~+75        | 0~+75        |
| Flying Jib Movement (°)                         | --                 | -55~+75        | --           | -55~+75      | --           | -55~+75      |
| Travel Speed(Stowed) (km/h)                     | 6.3                | 6.3            | 6.3          | 6.3          | 6.3          | 6.3          |
| Travel Speed(Working) (km/h)                    | 1.1                | 1.1            | 1.1          | 1.1          | 1.1          | 1.1          |
| System voltage (v)                              | 12                 | 12             | 12           | 12           | 12           | 12           |
| Maximum hydraulic pressure (Mpa)                | 25                 | 25             | 25           | 25           | 25           | 25           |
| Gradeability                                    | 16.7°(30%)         | 16.7°(30%)     | 16.7°(30%)   | 16.7°(30%)   | 16.7°(30%)   | 16.7°(30%)   |
| Tyre                                            | 33×12-20           | 33×12-20       | 33×12-20     | 12.00-20     | 12.00-20     | 12.00-20     |
| Engine                                          | DEUTZ /Cummins     |                |              |              |              |              |
| Fuel                                            | Diesel             |                |              |              |              |              |
| Fuel Tank (L)                                   | 100                | 100            | 100          | 100          | 100          | 100          |
| Gross Weight (kg)                               | 8200               | 8600           | 9400         | 9700         | 10500        | 11000        |





## OPTIONAL DEVICES

- Weighing Device
- Platform Rotation
- Generator Sets(Hybrid Power)

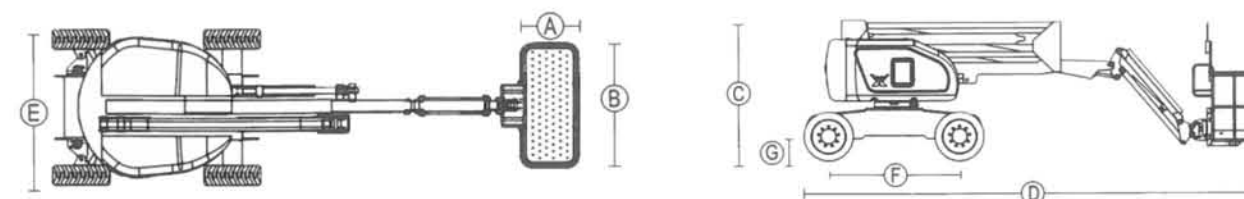
## STANDARD CONFIGURATION

- Auto Leveling
- 2-Wheel Drive
- 2-Wheel Steering
- High/Low Travel Speed
- Automatic deceleration Device
- Intelligent Charger
- Battery Indicator
- Full Proportional Control
- Protection System on Uneven Ground
- Emergency Down System
- Dust-proof Protection
- Solid Tire
- Strobe Light
- Horn



PARAMETER TABLE

| Model                              | GTBZ12AE           | GTBZ14AEJ  | GTBZ16AE   | GTBZ18AEJ  |
|------------------------------------|--------------------|------------|------------|------------|
| Max. Working Height (m)            | 14.3               | 15.8       | 18.3       | 19.8       |
| Max. Platform Height (m)           | 12.3               | 13.8       | 16.3       | 17.8       |
| Max. Horizontal Reach (m)          | 6.3                | 7.9        | 8.4        | 10         |
| Maximum span height (m)            | 7.3                | 7.3        | 8          | 8          |
| Overall Length(Stowed) D (m)       | 5.5                | 6.8        | 7.2        | 8          |
| Overall Width E (m)                | 2                  | 2          | 2          | 2          |
| Overall Height(Stowed) C (m)       | 2.15               | 2.15       | 2.15       | 2.15       |
| Platform Size BxA(Length×width)(m) | 1.53×0.76          | 1.53×0.76  | 1.53×0.76  | 1.53×0.76  |
| Ground Clearance G (m)             | 0.2                | 0.2        | 0.2        | 0.2        |
| Wheel Base F (m)                   | 2                  | 2          | 2.3        | 2.3        |
| Load capacity (kg)                 | 230                | 230        | 230        | 230        |
| Turning Radius (m)                 | 4.5                | 4.5        | 4.5        | 4.5        |
| Turntable Tilswing (°)             | 0                  | 0          | 0          | 0          |
| Turntable Turning(°)               | 360°continuous     |            |            |            |
| Turret Rotation speed (rpm)        | 0~0.5              | 0~0.5      | 0~0.5      | 0~0.5      |
| Platform leveling                  | Automatic leveling |            |            |            |
| Platform Rotation(°)               | ±80                | ±80        | ±80        | ±80        |
| Main Jib (section )                | 2                  | 2          | 2          | 2          |
| Main Jib Movement (°)              | -8~+75             | -8~+75     | -8~+75     | -8~+75     |
| Tower Jib (section )               | 2                  | 2          | 2          | 2          |
| Tower Jib Movement (°)             | 0~+60              | 0~+60      | 0~+60      | 0~+60      |
| Flying Jib Movement (°)            | /                  | -55~+75    | /          | -55~+75    |
| Travel Speed(Stowed) (km/h)        | 5                  | 5          | 5          | 5          |
| Travel Speed(Working) (km/h)       | 0.8                | 0.8        | 0.8        | 0.8        |
| Gradeability                       | 30                 | 30         | 30         | 30         |
| Tyre                               | 250×15/7.5         | 250×15/7.5 | 250×15/7.5 | 250×15/7.5 |
| Main motor (kw)                    | 5.5                | 5.5        | 5.5        | 5.5        |
| Drive motor (kw)                   | 6.5×2              | 6.5×2      | 6.5×3      | 6.5×2      |
| Control voltage (V)                | 24                 | 24         | 25         | 24         |
| Battery (V / Ah)                   | 8*6/420            | 8*6/420    | 8*6/421    | 8*6/420    |
| Charger (V / A)                    | 48/50              | 48/50      | 48/51      | 48/50      |
| Hydraulic tank volume (L)          | 70                 | 70         | 70         | 70         |
| Gross Weight (kg)                  | 6400               | 6800       | 7000       | 7200       |







## STANDARD CONFIGURATION

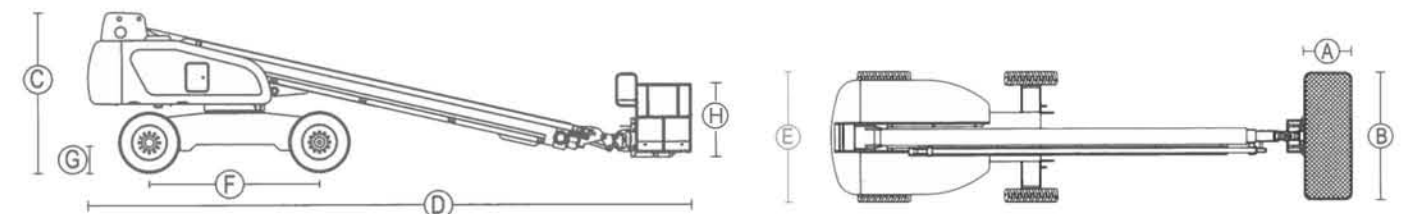
- Automatic Amplitude Limiter
- Weighing System
- Automatic Leveling
- 2-Wheel Drive
- 2-Wheel Steering
- High/Low Travel Speed
- Full Proportional Control
- Protection System on Uneven Ground
- Emergency Down System
- Working Table Selection
- Anti-collision Protection of Platform
- Engine Restart Protection
- Preheating of Engine
- Grade III Throttle Control of Engine
- Radiator of Hydraulic Oil
- Dust-proof Protection
- Solid Tire
- Strobe Light
- Horn

## OPTIONAL DEVICES

- Perkins Engine
- 4-Wheel Drive
- 4-Wheel Steering
- Gas Supply in Platform
- Power Supply in Platform
- Working Light in Platform

## PARAMETER TABLE

| Model                              | GTBZ16S             | GTBZ20S      | GTBZ28SJ    | GTBZ30S     | GTBZ32SJ    | GTBZ36S     |
|------------------------------------|---------------------|--------------|-------------|-------------|-------------|-------------|
| Max. Working Height (m)            | 18                  | 22           | 30          | 32          | 34          | 38          |
| Max. Platform Height (m)           | 16                  | 20           | 28          | 30          | 32          | 36          |
| Max. Horizontal Reach (m)          | 16                  | 19           | 22          | 20.5        | 23.5        | 22.8        |
| Overall Length(Stowed) D (m)       | 9.5                 | 9.9          | 12          | 13          | 14          | 13          |
| Overall Width(Axle Retracted) E(m) | 2.5                 | 2.5          | 2.5         | 2.5         | 2.5         | 2.5         |
| Overall Width(Axle Extended) E(m)  | /                   | /            | /           | 3.35        | 3.35        | 3.35        |
| Overall Height (Stowed) C (m)      | 2.6                 | 2.7          | 2.8         | 3.1         | 3.1         | 3.1         |
| Platform Size (B×A×H) (m)          | 1.8×0.76×1.1        | 1.8×0.76×1.1 | 2.4×0.9×1.1 | 2.4×0.9×1.1 | 2.4×0.9×1.1 | 2.4×0.9×1.1 |
| Ground Clearance G (m)             | 0.4                 | 0.4          | 0.4         | 0.4         | 0.4         | 0.4         |
| Wheel Base F (m)                   | 2.5                 | 2.8          | 3           | 3.66        | 3.66        | 3.66        |
| Load capacity(Unrestricted)(kg)    | 320                 | 320          | 480         | 480         | 480         | 480         |
| Load capacity(Restricted)(kg)      | 230                 | 230          | 340         | 340         | 340         | 340         |
| Inside/Outside(Axle Retracted) (m) | 3/5.2               | 3/5.2        | 3.6/6.3     | 4.1/6.5     | 4.1/6.5     | 4.1/6.5     |
| Inside/Outside(Axle Extended) (m)  | /                   | /            | /           | 2.7/5.8     | 2.7/5.8     | 2.7/5.8     |
| Turret Rotation(°)                 | 360°continuous      |              |             |             |             |             |
| Turret Rotation speed (rpm)        | 0~0.8               | 0~0.8        | 0~0.8       | 0~0.8       | 0~0.8       | 0~0.8       |
| Platform leveling                  | Automatic leveling  |              |             |             |             |             |
| Platform Rotation(°)               | ±80                 | ±80          | ±80         | ±80         | ±80         | ±80         |
| Jib (section )                     | 3                   | 3            | 3           | 3           | 3           | 4           |
| Jib Movement (°)                   | -12~+75             | -12~+75      | -12~+75     | -12~+75     | -12~+75     | -12~+75     |
| Flying Jib Movement (°)            | /                   | /            | -55~+75     | /           | -55~+75     | /           |
| Maximum hydraulic pressure (Mpa)   | 24                  | 24           | 24          | 24          | 24          | 24          |
| System voltage (v)                 | 12                  | 24           | 24          | 24          | 24          | 24          |
| Travel Speed(Stowed) (km/h)        | 6.3                 | 6.3          | 5.4         | 5.4         | 5.4         | 5.4         |
| Travel Speed(Working) (km/h)       | 1.1                 | 1.1          | 1.1         | 1.1         | 1.1         | 1.1         |
| Gradeability                       | 16.7°(30%)          | 16.7°(30%)   | 16.7°(30%)  | 21.8°(40%)  | 21.8°(40%)  | 21.8°(40%)  |
| Tyre                               | 33×12-20            | 33×12-20     | 12.00-20    | 12.00-20    | 12.00-20    | 12.00-20    |
| Engine                             | DEUTZ D2011/Cummins |              |             |             |             |             |
| Engine power rating(kw/rpm)        | 36/2800             | 36/2801      | 55/2400     | 55/2400     | 55/2400     | 55/2400     |
| Fuel                               | Diesel              |              |             |             |             |             |
| Fuel Tank (L)                      | 150                 | 150          | 150         | 150         | 150         | 150         |
| Gross Weight (kg)                  | 9500                | 11000        | 16500       | 18500       | 18800       | 19500       |





Multi functional operation instrument,  
convenient operation

Non marking solid tire, durable



Adjustable work tray



Wide forklift handling notch

## Introduction:

GTWS series self-propelled single column aerial working platform is suitable for indoor narrow space, with light body weight, compact collection size, width of 0.99m, length of 2.76m and height of 1.99m. The fuselage boom structure is welded with high-strength alloy steel, which has the advantages of high strength and light weight. The working height is 8 meters and the working radius is 3.2 meters horizontally. The machine adopts the newly designed double DC drive motor and is equipped with a large torque reducer, which has the advantages of small input power, large output torque, fast walking speed, strong climbing ability, etc. The fuselage adopts streamlined design, with strong appearance and modern feeling.

## PARAMETER TABLE

| Model                                     | GTWS            |
|-------------------------------------------|-----------------|
| Working height                            | 8000mm          |
| platform height                           | 6000mm          |
| Outreach Max.                             | 3150mm          |
| Lift capacity                             | 200kg           |
| Weight                                    | 2800kg          |
| Platform size                             | 910*850*1140mm  |
| Stowed size                               | 2760*990*1990mm |
| Gradeability                              | 23%             |
| Wheelbase                                 | 1200mm          |
| Ground clearance                          | 75mm            |
| Pothole Protection board ground clearance | 25mm            |
| Outside rotation radius                   | 1820mm          |
| Inside rotation radius                    | 0               |
| Jib Swing                                 | "-60°/+60°      |
| Vertical tilt Max.                        | 3               |
| Driving speed-stowed                      | 4.5km/h         |
| Driving speed-rasing                      | 0.7km/h         |
| Power source                              | DC24V/240Ah     |
| Tire size                                 | 406*125mm       |

## Advantage:

- Standard platform with center slide bar
- Auxiliary platform lowering system
- Sudden ground descent
- Proportional lifting and dynamic control
- Random diagnosis system
- AC wire connected to platform
- Adjustable work tray
- Lower and Tilt Alarm
- Two wheel brake
- Hydraulic brake release
- Pit protection device
- Chain mounted rear cover for easy access to the
- There are main electrical and hydraulic components
- Transportation fixing hole
- Wide bell car handling notch
- Non marking solid tire





- Proportional controls
- Automatic pothole protection
- Drivable at full height
- Non-marking tyre
- Automatic brake system
- Emergency lowering system
- Emergency stop button
- Cylinder holding valve
- Onboard diagnostic system

PARAMETER TABLE

| Model                  | AMWP3.6-6100  | AMWP4.8-6100  | AMWP6-6100    |
|------------------------|---------------|---------------|---------------|
| Max. Working Height    | 5.6m          | 6.8m          | 8m            |
| Max. Platform Height   | 3.6m          | 4.8m          | 6m            |
| Loading Capacity       | 227kg         | 227kg         | 159kg         |
| Ext. Platform Capacity | 114kg         | 114kg         | 114kg         |
| Overall Length         | 1.36m         | 1.36m         | 1.36m         |
| Overall Width          | 0.76m         | 0.76m         | 0.82m         |
| Overall Height         | 1.7m          | 1.98m         | 1.98m         |
| Platform Dimension     | 1.3x0.7m      | 1.3x0.7m      | 1.3x0.7m      |
| Ext. Platform Length   | 0.51m         | 0.51m         | 0.51m         |
| Wheel Base             | 1.04m         | 1.04m         | 1.04m         |
| Inner Turning Radius   | 0m            | 0m            | 0m            |
| Outer Turning Radius   | 1.4m          | 1.4m          | 1.4m          |
| Travel Speed(Stowed)   | 4km/h         | 4km/h         | 4km/h         |
| Travel Speed(Raised)   | 1.1km/h       | 1.1km/h       | 1.1km/h       |
| Up/Down Speed          | 31/32sec      | 41.5/42sec    | 52/53sec      |
| Gradeability           | 25%           | 25%           | 25%           |
| Drive Tyres            | Φ305x100m     | Φ305x100m     | Φ305x100m     |
| Drive Motors           | 2x24VDC/0.5kW | 2x24VDC/0.5kW | 2x24VDC/0.5kW |
| Lifting Motor          | 24DC/1.3kW    | 24DC/1.3kW    | 24DC/1.3kW    |
| Battery                | 2x12V/100Ah   | 2x12V/100Ah   | 2x12V/100Ah   |
| Charger                | 24V/15A       | 24V/15A       | 24V/15A       |
| Weight                 | 810kg         | 980kg         | 1060kg        |

Integrated layout,  
convenient for maintenanceFast replaceable battery  
to ensure work efficiencyFast replaceable battery  
to ensure work efficiencyErgonomic multi-function  
handle, easy to operate





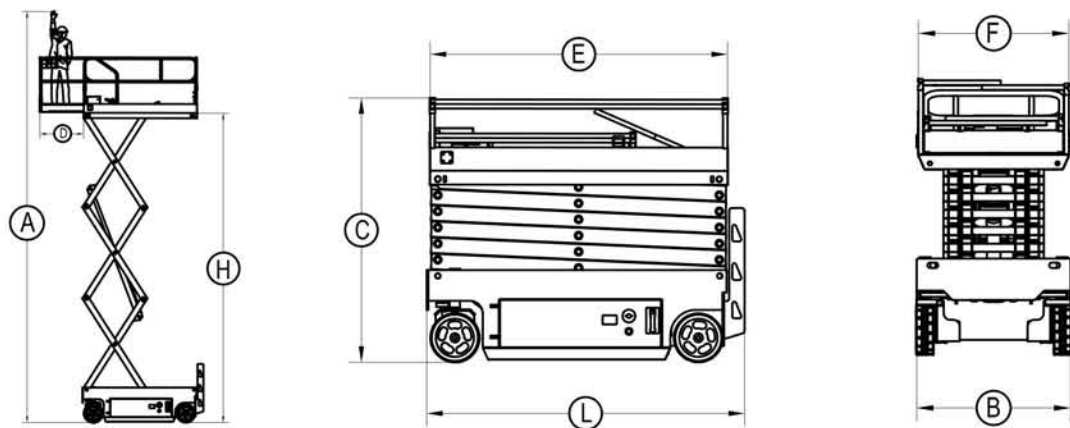
STANDARD CONFIGURATION

- 2-Wheel Hydraulic Motor Drive
- 2-Wheel Steering
- High/Low travel speed
- Extension Platform
- Foldable Guardrails
- Tilt sensing Alarm
- Down Alarm
- Safety Support
- Timer
- Intelligent Charger
- Swing-out Tray
- Pothole Protection Device
- Emergency Down Device
- Emergency Release Brake
- Anti-collision Protection of Platform



PARAMETER TABLE

| Model (Hydraulic motor drive)   | GTJZ06    | GTJZ08    | GTJZ10    | GTJZ12    | GTJZ14    |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|
| Max. Working Height (m) A       | 7.8       | 10.1      | 12.2      | 13.95     | 15.75     |
| Max. Platform Height (m) H      | 5.8       | 8.1       | 10.2      | 11.95     | 13.75     |
| Overall Length (m) L            | 1.82      | 2.48      | 2.48      | 2.48      | 2.83      |
| Overall Width (m) B             | 0.76      | 1.15      | 1.15      | 1.15      | 1.25      |
| Overall Height(Rails up)(m)     | 2.22      | 2.32      | 2.45      | 2.57      | 2.61      |
| Overall Height(Rails down)(m) C | 1.87      | 1.83      | 1.95      | 2.06      | 2.1       |
| Platform Size(L×W) (m) E×F      | 1.66×0.74 | 2.32×1.13 | 2.32×1.13 | 2.32×1.13 | 2.93×1.51 |
| Platform Extension Size(m) D    | 0.9       | 0.9       | 0.9       | 0.9       | 0.9       |
| Ground Clearance(Stowed)(mm)    | 100       | 100       | 100       | 100       | 100       |
| Ground Clearance(Raised)(mm)    | 20        | 20        | 20        | 20        | 20        |
| Wheel Base (m)                  | 1360      | 1900      | 1900      | 1900      | 1900      |
| Load capacity (kg)              | 230       | 230       | 320       | 320       | 230       |
| Load capacity On Extension (kg) | 110       | 110       | 110       | 110       | 110       |
| Turning Radius(m)               | 1.7       | 2.2       | 2.2       | 2.2       | 2.6       |
| Travel Speed(Stowed)(km/h)      | 3.2       | 3.2       | 3.2       | 3.2       | 3.2       |
| Travel Speed(Raised)(km/h)      | 0.8       | 0.8       | 0.8       | 0.8       | 0.8       |
| Up/Down Speed(m/s)              | 0.18/0.25 | 0.18/0.25 | 0.18/0.25 | 0.18/0.25 | 0.18/0.25 |
| Gradeability                    | 25%       | 25%       | 25%       | 25%       | 20%       |
| Maximum Working Slope (°)       | 2°/3°     | 2°/3°     | 2°/3°     | 2°/3°     | 2°/3°     |
| Tyre(mm)                        | φ305×114  | φ381×127  | φ381×127  | φ381×127  | φ381×127  |
| System pressure (Mpa)           | 24        | 24        | 24        | 24        | 24        |
| Lifting Motor (V/kW)            | 24/3      | 24/4.5    | 24/4.5    | 24/4.5    | 24/4.5    |
| Batteries (V/Ah)                | 4×6/225   | 4×6/225   | 4×6/240   | 4×12/300  | 4×12/300  |
| Charger(V/A)                    | 24/30     | 24/30     | 24/30     | 24/30     | 24/30     |
| Weight (kg)                     | 1500      | 2650      | 2850      | 3050      | 3450      |





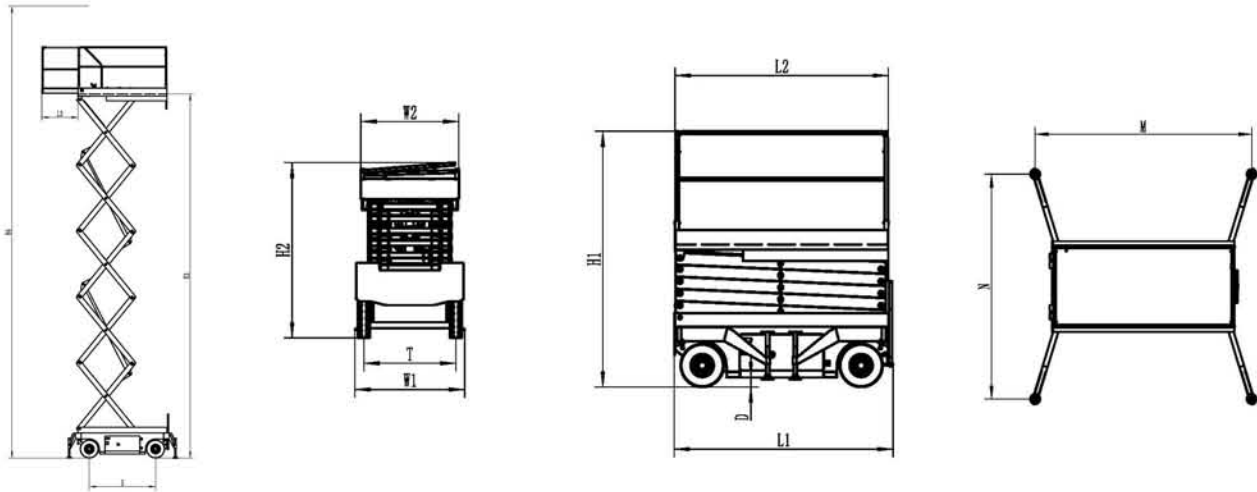


**Standard equipment:**  
Emergency stop button  
Emergency lowering system  
Adjust support legs  
Safety service sturt

**Option:**  
Platform extension



| PARAMETER TABLE                             |             |             |             |
|---------------------------------------------|-------------|-------------|-------------|
| Model                                       | GTJY0845    | GTJY1045    | GTJY1232    |
| Capacity (kg)                               | 450         | 450         | 320         |
| Max Platform height H3(m)                   | 8           | 10          | 12          |
| Max working height H4 (m)                   | 10          | 12          | 14          |
| Platform size L2xW2 (m)                     | 2.2X1       | 2.2X1       | 2.55X1      |
| Platform extension size L3 (m)              | 0.9         | 0.9         | 0.9         |
| Overall length L1 (m)                       | 2.26        | 2.26        | 2.61        |
| Overall width W1 (m)                        | 1.12        | 1.12        | 1.12        |
| Overall height H2 (m)                       | 1.67        | 1.79        | 1.91        |
| Overall height H1 (m)                       | 2.53        | 2.65        | 2.77        |
| Overall height (with extension platform)(m) | 2.08        | 2.20        | 2.32        |
| Supporting leg open (M/N)(m)                | 2.7X2.6     | 2.7X2.6     | 3X2.9       |
| Ground clearance D (m)                      | 0.1         | 0.1         | 0.1         |
| Wheelbase S (m)                             | 1.64        | 1.64        | 1.99        |
| wheel-base T (m)                            | 0.94        | 0.94        | 0.94        |
| Front wheels size                           | 448X122     | 448X122     | 448X122     |
| Real wheel                                  | 448X122     | 448X122     | 448X122     |
| Battery                                     | 2-12V/120Ah | 2-12V/120Ah | 2-12V/120Ah |
| Integrated charger                          | 24V/15A     | 24V/15A     | 24V/15A     |
| Lifting motor (AC)                          | 220V/3KW    | 220V/3KW    | 220V/3KW    |
| Lifting motor (DC)                          | 24V/3KW     | 24V/3KW     | 24V/3KW     |
| Lifting/Lowering time (S)                   | 50/45       | 60/55       | 72/67       |
| Self weifht (kg)                            | 1700        | 1850        | 2150        |





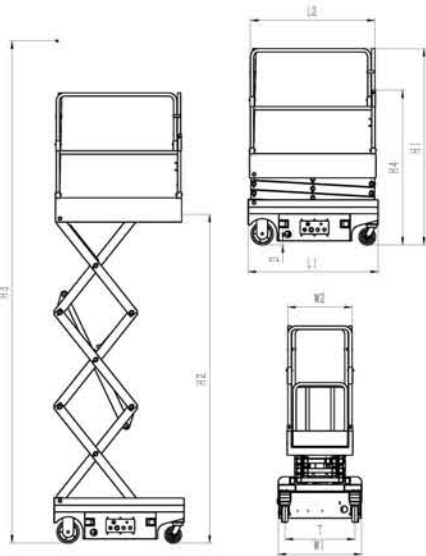
Semi-Electric

- Intergrated operating handle
- Base forklift hole
- Telescopic electric box



PARAMETER TABLE

| Specification                   | Code  | GTJY0324            | GTJY0424 |
|---------------------------------|-------|---------------------|----------|
| Self Weight                     | —     | 465KG               | 515KG    |
| Overall Height                  | H1    | 1.78M               | 1.88M    |
| Overall Height(fence is folded) | H4    | 1.4M                | 1.5M     |
| Overall Width                   | W1    | 0.76M               |          |
| Overall Length                  | L1    | 1.19M               |          |
| Minimum ground clearance        | D     | 37MM                |          |
| Wheel Span                      | T     | 0.64M               |          |
| Wheelbase                       | —     | 0.96M               |          |
| Drive Wheel                     | —     | φ 200*50            |          |
| Front wheel                     | —     | 6in Universal wheel |          |
| Battery                         | —     | 12V/100Ah           |          |
| Charger                         | —     | 12V/15A             |          |
| Lifting Motor(AC)               | —     | /                   |          |
| Lifting Motor(DC)               | —     | DC12V/0.8KW         |          |
| Load Capacity                   | —     | 240KG               |          |
| Platform size                   | L2*W2 | 1.15*0.6M           |          |
| Platform Height                 | H2    | 3M                  | 3.9M     |
| Working Height                  | H3    | 5M                  | 5.9M     |
| Up/Down speed                   | —     | 40/35SEC            | 50/45SEC |



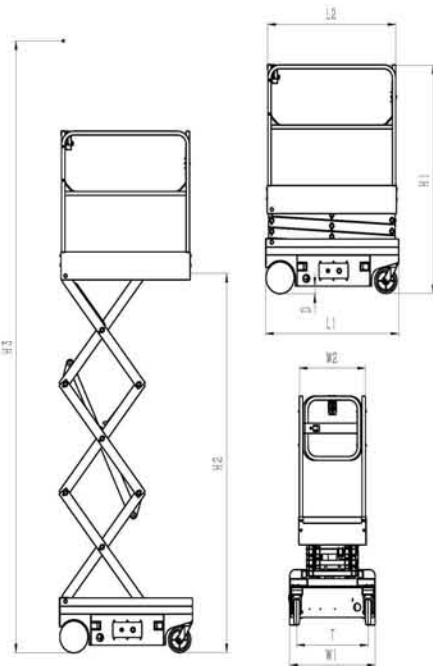
Self-Propelled

- Intergrated operating handle
- Base forklift hole
- Double drive wheel
- Telescopic electric box



PARAMETER TABLE

| SPECIFICATION     | Code  | GTJZ0324                           | GTJZ0424 |
|-------------------|-------|------------------------------------|----------|
| Self weight       | —     | 540KG                              | 590KG    |
| Overall height    | H1    | 1.8M                               | 1.9M     |
| Overall width     | W1    | 0.76M                              |          |
| Overall Length    | L1    | 1.19M                              |          |
| Minimum ground    | D     | 60MM                               |          |
| Wheel Span        | T     | Front wheel 0.68M,Real wheel 0.64M |          |
| Wheelbase         | —     | 1M                                 |          |
| Drive Wheel       | —     | φ 250*80                           |          |
| Front wheel       | —     | 8in Universal wheel                |          |
| Battery           | —     | 2-12V/80Ah                         |          |
| Charger           | —     | 24V/15A                            |          |
| Lifting Motor(AC) | —     | /                                  |          |
| Lifting Motor(DC) | —     | DC24V/0.8KW                        |          |
| Load Capacity     | —     | 240KG                              |          |
| Platform size     | L2*W2 | 1.15*0.6M                          |          |
| Working Height    | H2    | 3M                                 | 3.9M     |
| Platform Height   | H3    | 5M                                 | 5.9M     |
| Up/Down speed     | —     | 40/35SEC                           | 50/45SEC |







Mobile scissor lift table adopts scissor type mechanic structure to bring high stability after being elevated. The wide operation platform and high loading ability has made wider aloft work arrange and is suitable for simultaneous multi-worker operation.

MOBILE SCISSOR LIFT TABLE

| Model     | Load capacity(kg) | Rated height(mm) | Low height(mm) | Platform size(mm) | Elevating time(s) | Motor power(kw) | Voltage (v) | Total weight(kg) |
|-----------|-------------------|------------------|----------------|-------------------|-------------------|-----------------|-------------|------------------|
| SJY0.3-6  | 300               | 6000             | 1200           | 1780x840          | 50                | 1.5             | 380V/50HZ   | 1000             |
| SJY0.5-6  | 500               | 6000             | 1300           | 1780x840          | 50                | 1.5             | 380V/50HZ   | 1100             |
| SJY1-6    | 1000              | 6000             | 1400           | 1780x1000         | 60                | 2.2             | 380V/50HZ   | 1400             |
| SJY0.3-9  | 300               | 9000             | 1400           | 2000x1000         | 70                | 2.2             | 380V/50HZ   | 1400             |
| SJY0.5-9  | 500               | 9000             | 1400           | 2000x1000         | 70                | 2.2             | 380V/50HZ   | 1500             |
| SJY1-9    | 1000              | 9000             | 1500           | 2000x1200         | 75                | 3.7             | 380V/50HZ   | 1850             |
| SJY0.3-11 | 300               | 11000            | 1600           | 2150x1200         | 70                | 2.2             | 380V/50HZ   | 2000             |
| SJY0.5-11 | 500               | 11000            | 1600           | 2150x1200         | 80                | 2.2             | 380V/50HZ   | 2100             |
| SJY0.3-12 | 300               | 12000            | 1600           | 2250x1350         | 85                | 3.7             | 380V/50HZ   | 2200             |
| SJY0.5-12 | 500               | 12000            | 1600           | 2250x1350         | 90                | 3.7             | 380V/50HZ   | 2300             |
| SJY0.3-14 | 300               | 14000            | 2000           | 2600x1500         | 120               | 3.7             | 380V/50HZ   | 2800             |
| SJY0.5-14 | 500               | 14000            | 2000           | 2600x1500         | 130               | 3.7             | 380V/50HZ   | 3100             |
| SJY0.3-16 | 300               | 16000            | 3067           | 2812x1600         | 140               | 3.7             | 380V/50HZ   | 3400             |
| SJY0.3-18 | 300               | 18000            | 3321           | 3070x1600         | 150               | 3.7             | 380V/50HZ   | 3550             |

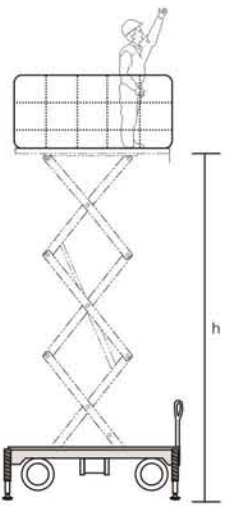
Remark : Colour and special specification can be made according to the customer ' s demands.

Product Use

The mobile lift tables are widely used in warehouses, airports, railway stations, factories, exhibition halls, hotels, hospitals, shopping malls, stadiums and other places of high altitude for inspection, installation, maintenance, decoration, cleaning , ect.

Product Advantages

- Elevating structure adopts rectangle tube of high-intensity manganese steel for manufacture.
- Safe protection device to prevent overload of elevating platform .Equipped with anti-explosion valve for avoiding the explosion of tube .
- Emergency descending device in the sudden power cut situation .



Options

- AC-380V /50HZ as standard
- AC-220V power supply
- DC power supply
- Other Voltage available

Hand Pallet Truck Manual Stacker Drum Truck Lift Table Electric Stacker Electric Pallet Stacker Forklift Truck Aerial Work Platform Tail Lift & Equipment Cleaning Equipment Other Equipments



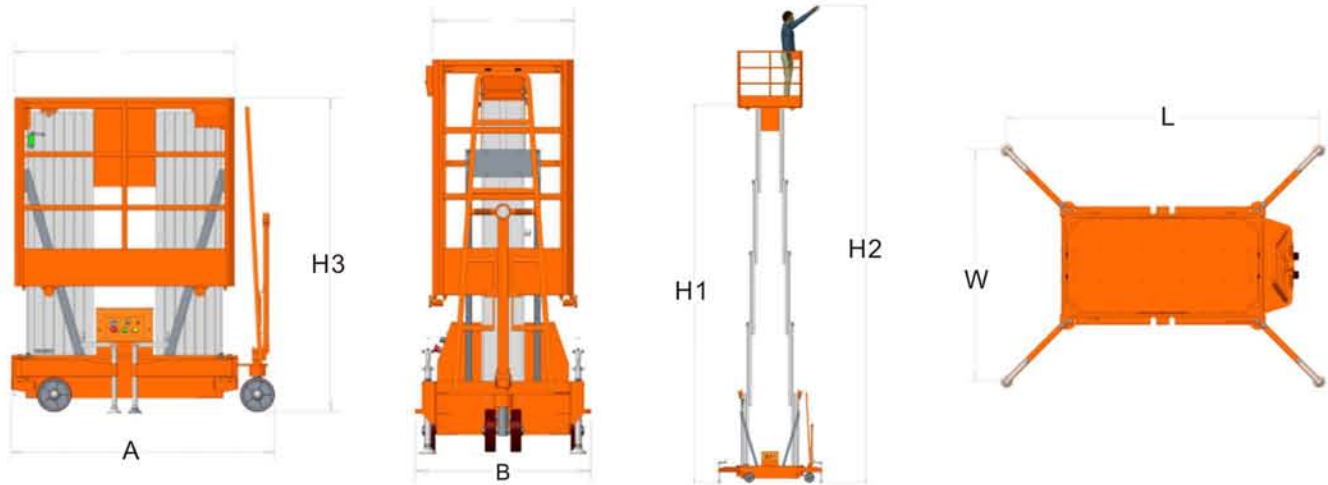


PARAMETER TABLE

| Model                     | GTWY802            | GTWY1002           | GTWY1202           |
|---------------------------|--------------------|--------------------|--------------------|
| Capacity (kg)             | 300                | 250                | 200                |
| Max Platform height H1(m) | 8                  | 10                 | 12                 |
| Max working height H2 (m) | 10                 | 12                 | 14                 |
| Platform size (m)         | 1.28X0.66          | 1.54X0.66          | 1.54X0.66          |
| Overall length A (m)      | 1.53               | 1.79               | 1.79               |
| Overall width B (m)       | 0.82               | 0.82               | 0.87               |
| Overall height H3(m)      | 1.81               | 1.86               | 2.03               |
| Outrigger Footprint(L/W)  | 1.65X1.66          | 2.13X1.89          | 2.13X1.94          |
| Ground clearance (m)      | 0.08               | 0.08               | 0.08               |
| Wheelbase                 | 1.18               | 1.44               | 1.44               |
| Front wheels size (inch)  | 8                  | 8                  | 8                  |
| Real wheel (inch)         | 8                  | 8                  | 8                  |
| Battery                   | 2-12V/65Ah         | 2-12V/65Ah         | 2-12V/65Ah         |
| Integrated charger        | 12V/15A            | 12V/15A            | 12V/15A            |
| Lifting motor (AC)        | 110-230V/1.5KW     | 110-230V/1.5KW     | 110-230V/1.5KW     |
| Lifting motor (DC)        | 12V/1.5KW          | 12V/1.5KW          | 12V/1.5KW          |
| Lifting time (S)          | 62                 | 70                 | 75                 |
| Lowering time (S)         | 43                 | 46                 | 54                 |
| Self weight (kg)          | 630(AC)<br>670(DC) | 730(AC)<br>770(DC) | 825(AC)<br>865(DC) |

Standard equipment

- Leveling outrigger device
- Two controllers operation
- Emergency stop button
- Emergency lowering system
- Overloading limited
- Battery charge indicator
- Limit switch
- Level instrument







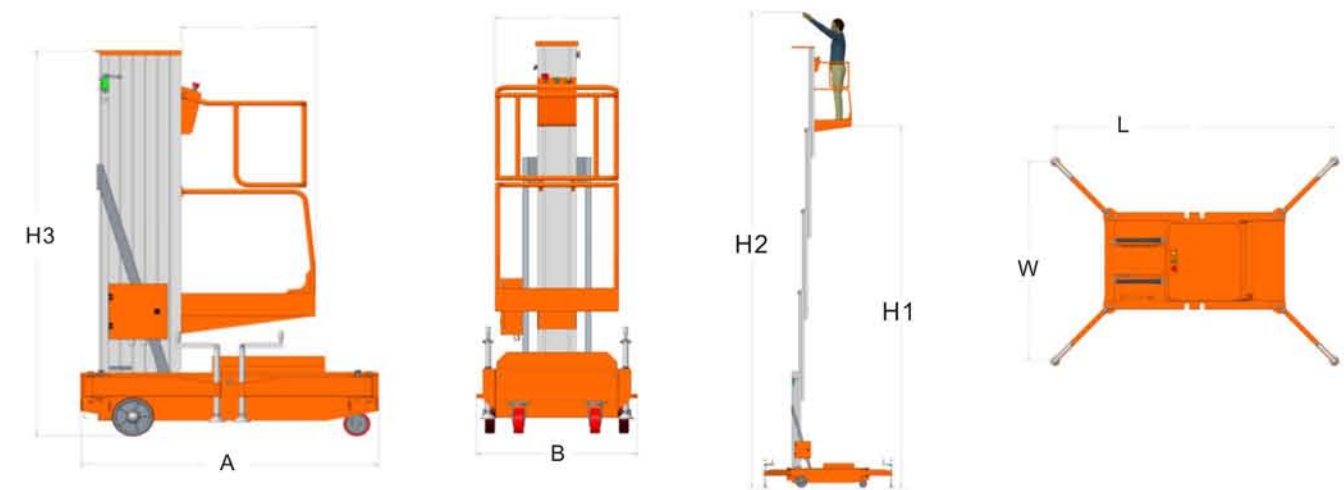
Standard equipment

- Leveling outrigger device
- Two controllers operation
- Emergency stop button
- Emergency lowering system
- Overloading limited
- Battery charge indicator
- Limit switch



PARAMETER TABLE

| Model                     | GTWY601            | GTWY801            | GTWY1001           |
|---------------------------|--------------------|--------------------|--------------------|
| Capacity (kg)             | 150                | 125                | 125                |
| Max Platform height H1(m) | 6                  | 8                  | 10                 |
| Max working height H2 (m) | 8                  | 10                 | 12                 |
| Platform size (m)         | 0.63x0.64          | 0.63x0.64          | 0.63x0.64          |
| Overall length A (m)      | 1.42               | 1.42               | 1.42               |
| Overall width B (m)       | 0.82               | 0.82               | 0.82               |
| Overall height H3(m)      | 1.92               | 2.00               | 1.90               |
| Outrigger Footprint(L/W)  | 1.90x1.75          | 1.90x1.75          | 1.90x1.75          |
| Ground clearance (m)      | 0.06               | 0.06               | 0.06               |
| Wheelbase                 | 1.11               | 1.11               | 1.11               |
| Front wheels size (inch)  | 5                  | 5                  | 5                  |
| Real wheel (inch)         | 8                  | 8                  | 8                  |
| Battery                   | 2-12V/65Ah         | 2-12V/65Ah         | 2-12V/65Ah         |
| Integrated charger        | 12V/15A            | 12V/15A            | 12V/15A            |
| Lifting motor (AC)        | 110-230V/0.75KW    | 110-230V/0.75KW    | 110-230V/0.75KW    |
| Lifting motor (DC)        | 12V/0.75KW         | 12V/0.75KW         | 12V/0.75KW         |
| Lifting time (S)          | 38                 | 44                 | 46                 |
| Lowering time (S)         | 35                 | 38                 | 40                 |
| Self weifht (kg)          | 415(AC)<br>450(DC) | 450(AC)<br>485(DC) | 490(AC)<br>525(DC) |







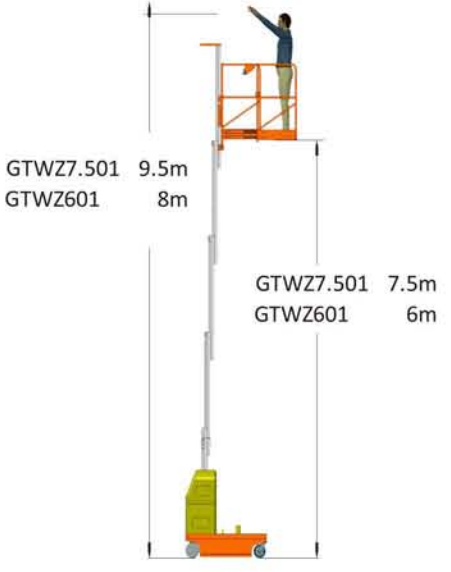
### Standard equipment

- Proportional controls
- Automatic Pothole Protection
- 2WD
- Emergency lowering system
- Emergency stop button
- Onboard diagnostic system
- Tilt sensor with alarm
- Low volt age alarm
- Horn
- Hour meter
- Forklift pockets
- Charger protection
- Charge indicator
- Flashing beacon
- Can Bus Technology
- Controller languages choose



### PARAMETER TABLE

| SPECIFICATION               | GTWZ7.501   | GTWZ601     |
|-----------------------------|-------------|-------------|
| Load capacity               | 125KG       | 125KG       |
| Extended platform Load      | 90KG        | 90KG        |
| Working height              | 9.5m        | 8m          |
| Platform height             | 7.5m        | 6m          |
| Overall height              | 2.00m       | 1.92m       |
| Overall width               | 0.8m        | 0.8m        |
| Overall length              | 1.36m       | 1.36m       |
| Maximum slope               | 1.5-3°      | 1.5-3°      |
| Grade ability               | 30%         | 30%         |
| Maximum Drive Speeds-Stowed | 4Km/h       | 4Km/h       |
| Maximum Drive Speeds-Raised | 1.1Km/h     | 1.1Km/h     |
| Ground clearance            | 0.02m       | 0.02m       |
| Wheelbase                   | 1.17m       | 1.17m       |
| Front wheels                | 8in         | 8in         |
| Drive wheel                 | φ 250*80    | φ 250*80    |
| Platform size               | 0.78*0.70m  | 0.78*0.70   |
| Platform extension size     | 0.56m       | 0.56m       |
| Self Weight                 | 880KG       | 850KG       |
| Batteries                   | 2-12V/120Ah | 2-12V/120Ah |
| Integrated charger          | 24V/15A     | 24V/15A     |
| Drive motors                | 2-24V/0.5KW | 2-24V/0.5KW |
| Lifting motor               | 24VDC/1.5KW | 24VDC/1.5KW |
| Up/Down speed               | 48/40sec    | 43/35sec    |





# Standard equipment

- Controller temperature protection
- Proportional controls
- Battery charge indicator
- Emergency stop button
- Emergency lowering system
- Can Bus Technology
- Charger protection
- Overload limited
- Low voltage alarm
- Safety brackets



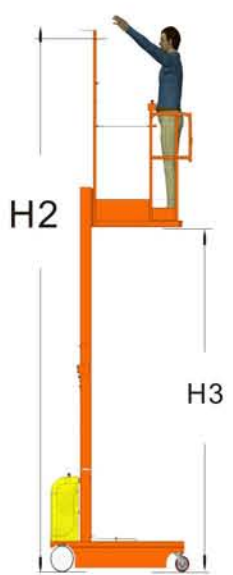
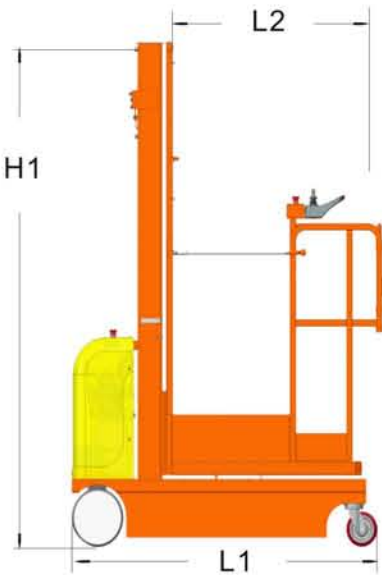
# Characteristic

- The light weight and maneuverability make it convenient to use in supermarket and warehouse.
- Zero-turn radius and compact design (1.53m×0.70m) provide access in and around confined work areas.
- On-board diagnostic help operators troubleshoot on the fly and make adjustments in the field to maximize uptime.



# PARAMETER TABLE

| SPECIFICATION               | GOPZ202     | GOPZ302     | GOPZ3.502   | GOPZ3.503   | GOPZ403     | GOPZ4.503   |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Load capacity               | 300KG       | 300KG       | 300KG       | 300KG       | 300KG       | 300KG       |
| Platform height (H3)        | 2m          | 3m          | 3.5m        | 3.5m        | 4m          | 4.5m        |
| Working height (H2)         | 4m          | 5m          | 5.5m        | 5.5m        | 6m          | 6.5m        |
| Overall height (H1)         | 1.42m       | 1.93m       | 2.15m       | 1.64m       | 1.82m       | 1.98m       |
| Overall width (W1)          | 0.7m        | 0.7m        | 0.7m        | 0.7m        | 0.7m        | 0.7m        |
| Overall length (L1)         | 1.53m       | 1.53m       | 1.53m       | 1.53m       | 1.53m       | 1.53m       |
| Maximum slope               | 1.5-3°      | 1.5-3°      | 1.5-3°      | 1.5-3°      | 1.5-3°      | 1.5-3°      |
| Gradeability                | 30%         | 30%         | 30%         | 30%         | 30%         | 30%         |
| Maximum Drive Speeds-Stowed | 4Km/h       | 4Km/h       | 4Km/h       | 4Km/h       | 4Km/h       | 4Km/h       |
| Maximum Drive Speeds-Raised | 1.1Km/h     | 1.1Km/h     | 1.1Km/h     | 1.1Km/h     | 1.1Km/h     | 1.1Km/h     |
| Ground clearance            | 0.04m       | 0.04m       | 0.04m       | 0.05m       | 0.05m       | 0.05m       |
| Wheelbase                   | 1.24m       | 1.24m       | 1.24m       | 1.24m       | 1.24m       | 1.24m       |
| Front wheels                | 6in         | 6in         | 6in         | 6in         | 6in         | 6in         |
| Drive wheel                 | φ 250*80    | φ 250*80    | φ 250*80    | φ 250*80    | φ 250*80    | φ 250*80    |
| Batteries                   | 2-12V/105Ah | 2-12V/105Ah | 2-12V/105Ah | 2-12V/105Ah | 2-12V/105Ah | 2-12V/105Ah |
| Integrated charger          | 24V/15A     | 24V/15A     | 24V/15A     | 24V/15A     | 24V/15A     | 24V/15A     |
| Drive motors                | 2-24V/0.5KW | 2-24V/0.5KW | 2-24V/0.5KW | 2-24V/0.5KW | 2-24V/0.5KW | 2-24V/0.5KW |
| Lifting motor               | 24VDC/1.5KW | 24VDC/1.5KW | 24VDC/1.5KW | 24VDC/1.5KW | 24VDC/1.5KW | 24VDC/1.5KW |
| Self weight                 | 400KG       | 574KG       | 588KG       | 655KG       | 665KG       | 675KG       |
| Platform size               | 0.95*0.64m  | 0.95*0.64m  | 0.95*0.64m  | 0.9*0.64m   | 0.9*0.64m   | 0.9*0.64m   |
| Up/Down speed               | 12/14sec    | 20/22sec    | 24/26sec    | 17/19sec    | 20/22sec    | 23/25sec    |







Manual

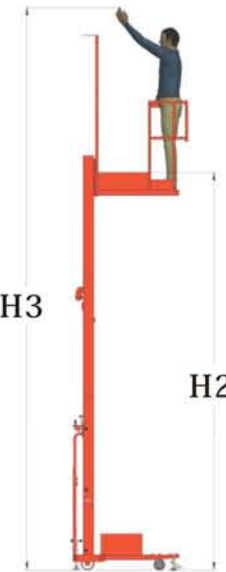
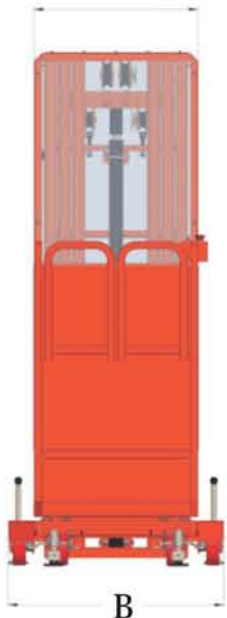
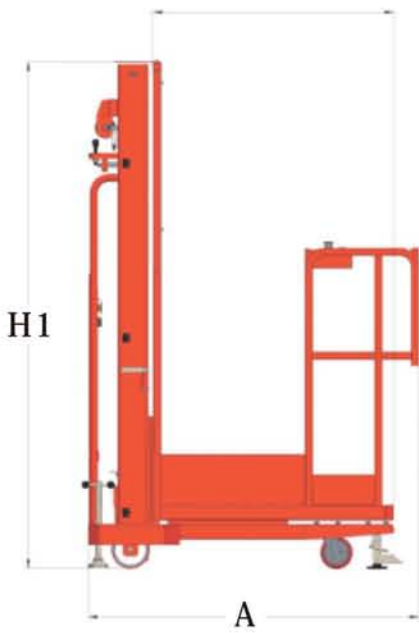
Standard Configuration:

- Overloading limited
- Safety brackets
- Voltage indicator
- Dual brake
- Emergency stop button
- Emergency down button
- battery charge indicator



PARAMETER TABLE

| Model                   | Unit | GOPY2.702 | GOPY3.302 | GOPY3.503 | GOPY403 | GOPY4.503 |
|-------------------------|------|-----------|-----------|-----------|---------|-----------|
| Capacity                | kg   | 200       | 200       | 200       | 200     | 200       |
| Max Platfrom Height(H2) | mm   | 2700      | 3300      | 3500      | 4000    | 4500      |
| Max Working Height (H3) | mm   | 4700      | 5300      | 5500      | 6000    | 6500      |
| Platform Size           | mm   | 950x600   | 950x640   | 950x640   | 950x640 | 950x640   |
| Max Lifting Speed       | mm/s | 19        | 25        | 25        | 30      | 34        |
| Max Down Speed          | mm/s | 17        | 22        | 20        | 25      | 30        |
| Rear Wheel Size         | mm   | Φ150x50   | Φ150x50   | Φ150x50   | Φ150x50 | Φ150x50   |
| Front Wheel Size        | mm   | Φ125      | Φ125      | Φ125      | Φ125    | Φ125      |
| Overall Length (A)      | mm   | 1310      | 1310      | 1310      | 1310    | 1310      |
| Overall Width (B)       | mm   | 760       | 840       | 840       | 840     | 840       |
| Overall Height (H1)     | mm   | 1760      | 2040      | 1670      | 1830    | 2000      |
| Battery                 | V/Ah | 12/105    | 12/105    | 12/105    | 12/105  | 12/105    |
| Charger                 | V/A  | 12/15     | 12/15     | 12/15     | 12/15   | 12/15     |
| Lifting Motor           | V/KW | 12/1.6    | 12/1.6    | 12/1.6    | 12/1.6  | 12/1.6    |
| Self Weight             | kg   | 265       | 315       | 390       | 405     | 420       |



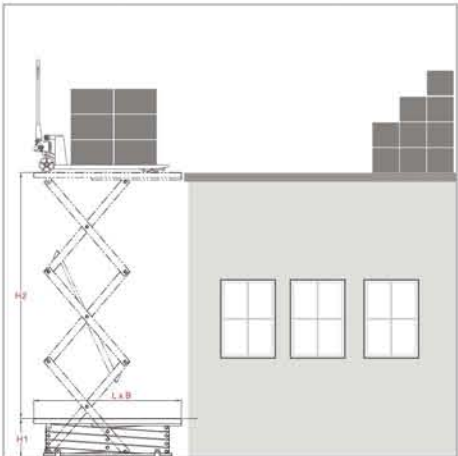
Hand Pallet Truck Manual Stacker Drum Truck Lift Table Electric Stacker Electric Pallet Stacker Forklift Truck Aerial Work Platform Tail Lift & Equipment Cleaning Equipment Other Equipments



Stationary hydraulic lift table is a kind of hydraulic elevator specially designed to lift cargo in storerooms, factories and warehouses. It is designed with guide mechanism to ensure the stable lifting.



The stationary hydraulic lift table is characterized by large carrying capacity,easy operation and reliable performance.It can replace elevator to lift goods up to a certain storey.



PARAMETER TABLE

| Model              | Load capacity (kg) | Lifting height H2 (mm) | Rated height H2+H1 (mm) | Low height H1 (mm) | Platforms size LxB (mm) | Elevating time (s) | Motor power (kw) | Total weight (kg) |
|--------------------|--------------------|------------------------|-------------------------|--------------------|-------------------------|--------------------|------------------|-------------------|
| Single fork frame  |                    |                        |                         |                    |                         |                    |                  |                   |
| SJG1-1.7           | 1000               | 1700                   | 2140                    | 440                | 2500x2000               | 30                 | 2.2              | 1200              |
| SJG2-1.7           | 2000               | 1700                   | 2160                    | 460                | 2500x2000               | 30                 | 3.7              | 1400              |
| SJG3-1.7           | 3000               | 1700                   | 2210                    | 510                | 2600X2000               | 30                 | 3.7              | 1600              |
| SJG5-1.7           | 5000               | 1700                   | 2230                    | 530                | 2800x2000               | 30                 | 7.5              | 2000              |
| SJG10-1.7          | 10000              | 1700                   | 2370                    | 670                | 4000X2200               | 30                 | 7.5              | 3000              |
| Double forks frame |                    |                        |                         |                    |                         |                    |                  |                   |
| SJG1-3             | 1000               | 3000                   | 3580                    | 580                | 2300X2000               | 30                 | 2.2              | 1300              |
| SJG2-3             | 2000               | 3000                   | 3580                    | 580                | 2300X2000               | 30                 | 3.7              | 1600              |
| SJG3-3             | 3000               | 3000                   | 3690                    | 690                | 2400X2000               | 30                 | 3.7              | 1800              |
| Multi-forks frame  |                    |                        |                         |                    |                         |                    |                  |                   |
| SJG1-4             | 1000               | 4000                   | 4645                    | 645                | 2100X2000               | 40                 | 2.2              | 1500              |
| SJG2-4             | 2000               | 4000                   | 4720                    | 720                | 2100X2000               | 40                 | 3.7              | 1800              |
| SJG3-4             | 3000               | 4000                   | 4870                    | 870                | 2200X2000               | 40                 | 5.5              | 2000              |
| SJG1-5             | 1000               | 5000                   | 5770                    | 770                | 2000x2000               | 60                 | 2.2              | 1700              |
| SJG2-5             | 2000               | 5000                   | 5860                    | 860                | 2000x2000               | 60                 | 3.7              | 2100              |
| SJG3-5             | 3000               | 5000                   | 6055                    | 1055               | 2000x2000               | 60                 | 5.5              | 2500              |
| SJG1-6             | 1000               | 6000                   | 6890                    | 890                | 2000x2000               | 70                 | 3.7              | 2000              |
| SJG2-6             | 2000               | 6000                   | 7005                    | 1005               | 2000x2000               | 70                 | 5.5              | 2500              |
| SJG1-9             | 1000               | 9000                   | 10265                   | 1265               | 2500x2000               | 100                | 5.5              | 3500              |
| SJG2-9             | 2000               | 9000                   | 10400                   | 1400               | 2500x2000               | 120                | 7.5              | 4800              |
| SJG4-5             | 4000               | 5000                   | 5870                    | 870                | 6000X2200               | 60                 | 5.5              | 4000              |
| SJG5-5.5           | 5000               | 5500                   | 6435                    | 935                | 6000X2200               | 60                 | 7.5              | 5000              |

Remark : Colour and special specification can be made according to the customer' s demands.



Stationary hydraulic lift table is characterized by solid structure, large carrying capacity,stable lifting, easy installation,easy maintenance, long service life and so on. It is adaptable to high frequency continuous running.The stationary hydraulic lift table can elevate large tonnage goods stably.



SOME PROJECT CASES





This Straight top-heavy lifting work platform is for cargo lifting, the hydraulic cylinder as the main driving force, through the heavy chain and wire rope transmission, to ensure the absolute safety of machine operation.



Product introduction:

Suitable for warehouses, workshop in automotive, container loading and unloading. Without a set of goods, steel frame directly from the ground handling. Professional design slab can in automobile smooth lap, forklifts, manual hydraulic forklift are convenient to, smoothly for loading and unloading, the catch plate torsion spring balance the ease of operation, the completion of platform and ground smooth operations, does not occupy space, does not affect the space. Convenient installation and maintenance, appearance, safe and convenient operation.

PARAMETER TABLE

| Model    | Rated load(kg) | Lifting height(mm) | Cylinder Type | Platform size(mm) | Carriage height(mm) | Lifting speed (m/min) | Motor Power(kw) |
|----------|----------------|--------------------|---------------|-------------------|---------------------|-----------------------|-----------------|
| SJD2-3   | 2000kg         | 3000mm             | One stage     | 2000x2000mm       | 2000mm              | 6                     | 3.7             |
| SJD2-3.5 | 2000kg         | 3500mm             | One stage     | 2000x2000mm       | 2000mm              | 6.5                   | 3.7             |
| SJD2-3.5 | 2000kg         | 3500mm             | two stage     | 2000x2000mm       | 2000mm              | 6.5                   | 3.7             |
| SJD2-5   | 2000kg         | 5000mm             | two stage     | 2000x2000mm       | 2000mm              | 6.5                   | 5.5             |
| SJD2-6   | 2000kg         | 6000mm             | two stage     | 2000x2000mm       | 2000mm              | 6.5                   | 5.5             |
| SJD5-5   | 5000kg         | 5000mm             | two stage     | 2000x2000mm       | 2000mm              | 6                     | 7.5             |
| SJD5-6   | 5000kg         | 6000mm             | two stage     | 2000x2000mm       | 2000mm              | 6                     | 7.5             |
| SJD2-8   | 2000kg         | 8000mm             | two stage     | 2000x2000mm       | 2000mm              | 6.5                   | 5.5             |
| SJD5-8   | 5000kg         | 8000mm             | two stage     | 2000x2000mm       | 2000mm              | 6                     | 7.5             |
| SJD2-9   | 2000kg         | 9000mm             | two stage     | 2000x2000mm       | 2000mm              | 6.5                   | 5.5             |
| SJD5-9   | 5000kg         | 9000mm             | two stage     | 2000x2000mm       | 2000mm              | 6                     | 7.5             |
| SJD2-10  | 2000kg         | 10000mm            | two stage     | 2000x2000mm       | 2000mm              | 6.5                   | 5.5             |
| SJD2-11  | 2000kg         | 11000mm            | three stage   | 2000x2000mm       | 2000mm              | 7                     | 5.5             |
| SJD2-12  | 2000kg         | 12000mm            | three stage   | 2000x2000mm       | 2000mm              | 7                     | 5.5             |
| SJD2-14  | 2000kg         | 14000mm            | three stage   | 2000x2000mm       | 2000mm              | 7                     | 7.5             |
| SJD2-16  | 2000kg         | 16000mm            | four stage    | 2000x2000mm       | 2000mm              | 7.5                   | 11              |



Hand Pallet Truck Manual Stacker Drum Truck Lift Table Electric Stacker Electric Pallet Stacker Forklift Truck Aerial Work Platform Tail Lift & Equipment Cleaning Equipment Other Equipments



This Straight top-heavy lifting work platform is for cargo lifting, the hydraulic cylinder as the main driving force, through the heavy chain and wire rope transmission, to ensure the absolute safety of machine operation.

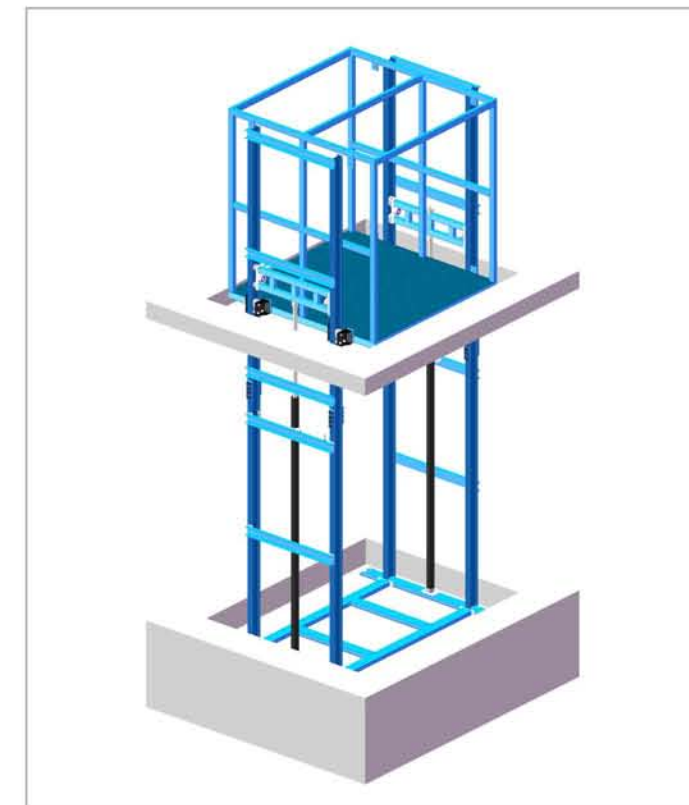


### Product introduction:

Suitable for warehouses, workshop in automotive, container loading and unloading. Without a set of goods, steel frame directly from the ground handling. Professional design slab can in automobile smooth lap, forklifts, manual hydraulic forklift are convenient to, smoothly for loading and unloading, the catch plate torsion spring balance the ease of operation, the completion of platform and ground smooth operations, does not occupy space, does not affect the space. Convenient installation and maintenance, appearance, safe and convenient operation.

PARAMETER TABLE

| Model   | Rated load(kg) | Lifting height(mm) | Platform size(mm) | Carriage height(mm) | Lifting speed (m/min) | Motor Power(kw) |
|---------|----------------|--------------------|-------------------|---------------------|-----------------------|-----------------|
| SJT1-3  | 1000kg         | 3000mm             | 2000x1800mm       | 2000mm              | 6                     | 2.2             |
| SJT2-3  | 2000kg         | 3000mm             | 2000x1800mm       | 2000mm              | 6.5                   | 3.7             |
| SJT1-4  | 1000kg         | 4000mm             | 2000x1800mm       | 2000mm              | 6                     | 2.2             |
| SJT2-4  | 2000kg         | 4000mm             | 2000x1800mm       | 2000mm              | 6.5                   | 3.7             |
| SJT1-5  | 1000kg         | 5000mm             | 2000x1800mm       | 2000mm              | 6.5                   | 3.7             |
| SJT2-5  | 2000kg         | 5000mm             | 2000x1800mm       | 2000mm              | 6                     | 3.7             |
| SJT1-6  | 1000kg         | 6000mm             | 2000x1800mm       | 2000mm              | 6.5                   | 3.7             |
| SJT2-6  | 2000kg         | 6000mm             | 2000x1800mm       | 2000mm              | 6                     | 3.7             |
| SJT1-8  | 1000kg         | 8000mm             | 2000x1800mm       | 2000mm              | 6.5                   | 5.5             |
| SJT2-8  | 2000kg         | 8000mm             | 2000x1800mm       | 2000mm              | 6                     | 5.5             |
| SJT1-9  | 1000kg         | 9000mm             | 2000x1800mm       | 2000mm              | 6.5                   | 5.5             |
| SJT2-9  | 2000kg         | 9000mm             | 2000x1800mm       | 2000mm              | 6                     | 5.5             |
| SJT1-10 | 1000kg         | 10000mm            | 2000x1800mm       | 2000mm              | 6.5                   | 5.5             |
| SJT2-12 | 1000kg         | 12000mm            | 2000x1800mm       | 2000mm              | 6.5                   | 5.5             |





A tail lift is a hydraulic device permanently fitted to the back of van or lorry, which is designed to facilitate the materials handling of goods from ground level or a loading dock to the level of the load bed of the vehicle. The tail lifts are available for many sizes of vehicles.

PRODUCT FEATURES    A very wise choice. Saving time & Saving cost

- 1. The tail lift with five cylinders, full automatic balance system. Hydraulic system has the intelligent memory function which make the operation more balanced and safe.
- 2. The tail Lift's hydraulic pumps , hydraulic cylinders , sealing , hydraulic tube and electric system are all imported from international brands , quality reliability , performance excellence.
- 3. The tail Lifts have two sets of electric control systems to make operation easy.
- 4. The tail lift's hydraulic system is equipped with hydraulic safety device which prevents accidents being caused by failure operation.



**Product Use**  
The use of a tail lift can obviate the needs to use machinery such as a forklift truck in order to load heavy items on to a vehicle, or can be used to bridge the difference in height between a loading dock and the vehicle load bed.

**Easy Installation**  
The tail lift can be installed easily and fast. The complete hydraulic and electrical system is integrated into the lift. The screws are all that is needed to mount the lift to the truck. Hook up the battery cables and the lift is ready to go.

Highest flow capacity  
Low power consumption  
High efficiency

Our power packs are completely tested, adjusted and filled with oil and equipped with electrical controls. This helps to reduce the installation time and keeps it to a minimum. Use truck's battery, no need extra power.  
Two of the most important parts, in a power pack, is the motor and pump. We focus particular attention on these parts as they are the most vulnerable parts.



| PARAMETER TABLE                       |                       |                                                           |           |           |                                                      |
|---------------------------------------|-----------------------|-----------------------------------------------------------|-----------|-----------|------------------------------------------------------|
| Model                                 | NL-QWB1.0             | NL-QWB1.5                                                 | NL-QWB2.0 | NL-QWB2.5 | (Remark)                                             |
| Platform size(mm)                     | 1700X1600             | 1800X1600                                                 | 2000x1800 | 2300x1800 | It can be made according to the customer' s demands. |
|                                       | 1800x1600             | 1800x1700                                                 | 2100x1800 | 2400x1800 |                                                      |
|                                       | 1800x1700             | 1900x1700                                                 | 2200x1800 | 2500x1800 |                                                      |
|                                       | 1900x1700             | (It can be made according the width of different vehicle) |           |           |                                                      |
| Capacity(kg)                          | 1000                  | 1500                                                      | 2000      | 2500      | /                                                    |
| Self weight(kg)                       | 350                   | 450                                                       | 500       | 550       | /                                                    |
| Motor power(kw)                       | 1.6                   | 1.6/2.2/2.5                                               | 2.2/2.5   | 3         | /                                                    |
| Motor                                 | DC12V-24V/100AH-160AH |                                                           |           |           | /                                                    |
| Frame arm length(mm)                  | 750                   | 750/900                                                   | 900       | 900       | /                                                    |
| Frame inner width(mm)                 | 846/948               | 846/948                                                   | 948       | 948       | /                                                    |
| Height from vehicle box to ground(mm) | 700-1050              | 700-1550                                                  | 1050-1550 | 1050-1550 | /                                                    |
| Average lifting speed (mm/sec)        | 60-80                 | 60-80                                                     | 60-80     | 60-80     | Speed can be controlled                              |
| Hydraulic oil                         | 46# Hydraulic oil     |                                                           |           |           | /                                                    |
| Platform working angle                | 5°-9°                 | 5°-9°                                                     | 5°-9°     | 5°-9°     | /                                                    |

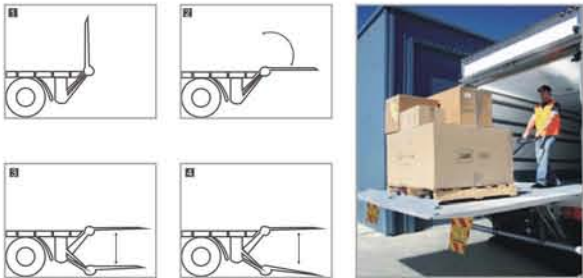
Remark : Special tail lifts can be made according to the customers' demands.



Aluminium Tail Lifts are built of high tensile aluminium alloy, All the parts, including the hydraulic cylinders, are completely corrosion protection. Aluminium does not need any special treatment to keep it looking nice. Aluminium tail lifts are available for load capacities of 750, 1000, 1500 and 2000 kg.



Working Sketch Map



Savings on Fuel and Money

Low weight

- A weight reduction of approximately 30%, compared to steel tail lift .
- Aluminium tail lifts have many more advantages: no corrosion or rust on any of the parts, the mounting brackets & platform are easily fitted and moveable on the vehicle frame, the power packs are perfectly tuned to the demands of the system.

PARAMETER TABLE

| Model                                 | NL-QWA1.0             | NL-QWA1.5                                           | NL-QWA2.0 | (Remark)                                             |
|---------------------------------------|-----------------------|-----------------------------------------------------|-----------|------------------------------------------------------|
| Platform size(mm)                     | 1700X1600             | 1800X1600                                           | 2000x1800 | It can be made according to the customer' s damands. |
|                                       | 1800x1600             | 1800x1700                                           | 2100x1800 |                                                      |
|                                       | 1800x1700             | 1900x1700                                           | 2200x1800 |                                                      |
|                                       | 1900x1700             | (It can be made according the width of the vehicle) |           |                                                      |
| Capacity(kg)                          | 1000                  | 1500                                                | 2000      | /                                                    |
| Self weight(kg)                       | 250                   | 330                                                 | 360       | /                                                    |
| Motor power(kw)                       | 1.6                   | 1.6/2.2/2.5                                         | 2.2/2.5   | /                                                    |
| Motor                                 | DC12V-24V/100AH-160AH |                                                     |           | /                                                    |
| Frame arm length(mm)                  | 750                   | 750/900                                             | 900       | /                                                    |
| Frame Inner width(mm)                 | 846/948               | 846/948                                             | 948       | /                                                    |
| Height from vehicle box to ground(mm) | 700-1050              | 700-1550                                            | 1050-1550 | /                                                    |
| Average lifting speed (mm/sec)        | 60-80                 | 60-80                                               | 60-80     | Speed can be controlled                              |
| Switch speed(mm/sec)                  | 10                    | 10                                                  | 10        | /                                                    |
| Hydraulic oil                         | 46# Hydraulic oil     |                                                     |           | /                                                    |
| Platform working angle                | 5°-9°                 | 5°-9°                                               | 5°-9°     | /                                                    |

Remark : Special tail lifts can be made according to the customers' demands.

Easy Installation

The tail lift can be installed easily and fast. The complete hydraulic and electrical system is integrated into the lift. The screws are all that is needed to mount the lift to the truck. Hook up the battery cables and the lift is ready to go.



PARAMETER TABLE

| Vehicle Tail Lift                      | NL-QW10/115N                      | NL-QW15/115N |
|----------------------------------------|-----------------------------------|--------------|
| Platform size (mm)                     | 1800x1800                         | 1800x1800    |
|                                        | 1900x1800                         | 1900x1800    |
|                                        | 2000x1800                         | 2000x1800    |
|                                        | 2100x1800                         | 2100x1800    |
|                                        | 2200x1800                         | 2200x1800    |
|                                        | 2300x1800                         | 2300x1800    |
|                                        | 2400x1800                         | 2400x1800    |
|                                        | 2500x1800                         | 2500x1800    |
| Capacity (kg)                          | 1000                              | 1500         |
| Self weight (kg)                       | 540                               | 540          |
| Motor power (kw)                       | 1.6/2.2                           | 1.6/2.2      |
| motor                                  | DC12V-24V/100AH-160AH             |              |
| Frame arm length (mm)                  | 1000                              |              |
| Frame inner width (mm)                 | Frame inner width-150=Panel width |              |
| Height from vehicle box to ground (mm) | Less than 1300                    |              |
| Average lifting speed (mm/sce)         | 60-80                             |              |
| Hydraulic oil                          | 46#                               |              |
| Platform working angle                 | 5° -9°                            |              |





The attached brake can prevent dock ramp from moving & shaking.



The height can be adjusted according to the height of truck.



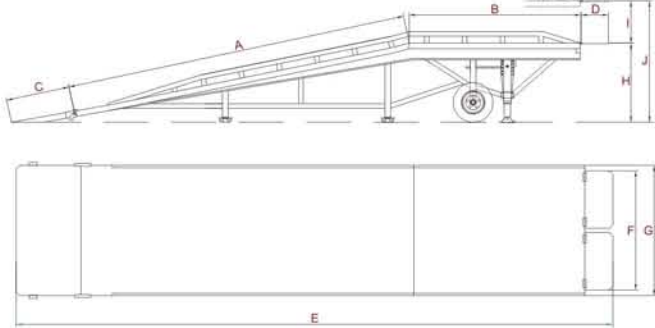
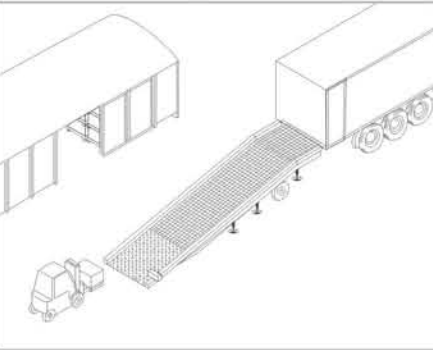
Fuhua support leg



PARAMETER TABLE

| Model      | Capacity<br>(kg) | Platform size(mm) |      |      |     |       |      |      |      |      |     |
|------------|------------------|-------------------|------|------|-----|-------|------|------|------|------|-----|
|            |                  | A                 | B    | C    | D   | E     | F    | G    | H    | J    | I   |
| DCQY6-0.4  | 6000             | 6000              | 3000 | 1000 | 300 | 10300 | 1800 | 2100 | 1200 | 1600 | 400 |
| DCQY8-0.4  | 8000             | 6000              | 3000 | 1000 | 300 | 10300 | 1800 | 2100 | 1200 | 1600 | 400 |
| DCQY10-0.4 | 10000            | 7000              | 3000 | 1000 | 300 | 11300 | 1800 | 2100 | 1200 | 1600 | 400 |

Efficient loading & unloading solutions of truck



The Mobile dock ramp with manual hydraulic control, needn't other power and almost needn't maintenance . Through the use of manual pump,the tires can be raised to lift-off when the mobile dock ramp is in use. And the tires can be let down when you need to move the dock ramp .It is also easy and convenient to move and change the working location of the dock ramp by the manpower or forklift traction .

Movable hydraulic dock ramp is special accessory equipment which can realize rapid loading&unloading the goods, forklift and other handing trucks can directly come into thecarriage to quickly load or unload goods,the working efficiency is greatly increased.



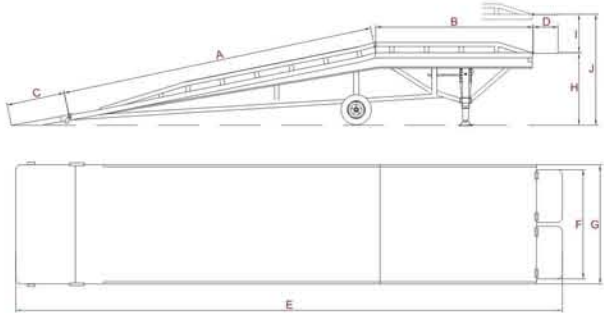
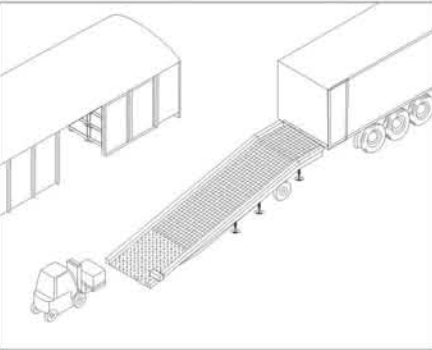
Fuhua support leg



PARAMETER TABLE

| Model      | Capacity<br>(kg) | Platform size(mm) |      |      |     |       |      |      |      |      |     |
|------------|------------------|-------------------|------|------|-----|-------|------|------|------|------|-----|
|            |                  | A                 | B    | C    | D   | E     | F    | G    | H    | J    | I   |
| DCQH6-0.4  | 6000             | 6000              | 3000 | 1000 | 300 | 10300 | 1800 | 2100 | 1100 | 1600 | 500 |
| DCQH8-0.4  | 8000             | 6000              | 3000 | 1000 | 300 | 10300 | 1800 | 2100 | 1100 | 1600 | 500 |
| DCQH10-0.4 | 10000            | 7000              | 3000 | 1000 | 300 | 11300 | 1800 | 2100 | 1100 | 1600 | 500 |

Efficient loading & unloading solutions of truck



The Movable hydraulic dock ramp with manual hydraulic control, needn't other power and almost needn't maintenance . Through the use of manual pump,the tires can be raised to lift-off when the mobile dock ramp is in use. And the tires can be let down when you need to move the dock ramp .It is also easy and convenient to moveand change the working location of the dock ramp by the manpower or forklift traction .





An electro-hydraulic dock leveller is the described as a bridge for connecting a vehicle to a building. Frequently the important characteristics that this tool needs are undervalued , in order to guarantee an efficient working environment.



The series is completely driven by hydraulic with convenient operation and reliable running .

The lip and platform are connected by a complete macro axis ,which are of high strength and reliability .

The U shape girder of high strength is designed to ensure the machines can hold the original size when running .

The support bars are designed for maintainers' safety during maintenance .

PARAMETER TABLE

| Model     | Capacity (kg) | Platform size (mm) | Lip board size (mm) | Distance (mm) | Motor power (kw) | Pit dimensions LXWXH(mm) |
|-----------|---------------|--------------------|---------------------|---------------|------------------|--------------------------|
| DCQ8-0.7  | 8000          | 2440x1830          | 400                 | +400 -300     | 0.75             | 2600X1860X510            |
| DCQ10-0.7 | 10000         | 2440x1830          | 400                 | +400 -300     | 0.75             | 2600X1860X510            |
| DCQ12-0.7 | 12000         | 2440x1830          | 400                 | +400 -300     | 1.50             | 2600X1860X510            |

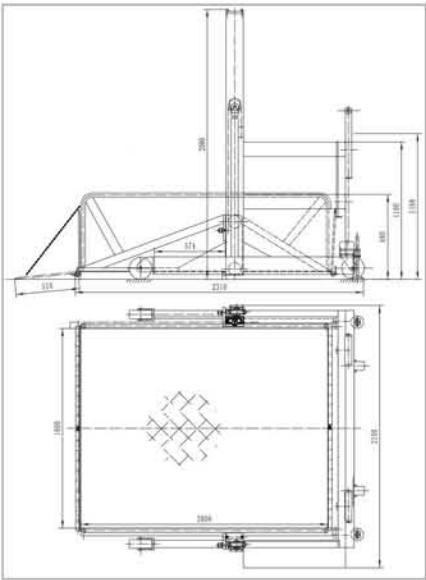


PARAMETER TABLE

| Model    | Rated lifting capacity(kg) | Max.lifting height(mm) | Dimensions of table(mm) | Voltage(v)   |
|----------|----------------------------|------------------------|-------------------------|--------------|
| YDQ15/16 | 1500                       | 1600                   | 2000*1600               | DC24V/AC380V |

Movable Hydraulic Dock LevellerApply to the warehouse, wharf, factory loading and unloading of the goods.

Movable Hydraulic Dock LevellerAdopts hydraulic lifting, simple and convenient operation, improve power 380 v/AC and dc motor can be used two kinds of power unit.Using direct current machine accessory equipped with high performance battery and built-in charger, battery box can be separated from the body, make daily battery maintenance easily, more safe and reliable.







Feature

- adopt international advanced technology cleaning slinger, dust box utilization of the theoretical value of 100%.
- can easily dust dust, leaves, bricks, stones, beverage bottles to the trash scavenging.
- smartphone operating system, imported electric control system, the system has over-current, under-voltage protection, more safe and reliable.
- The brand maintenance-free lead-acid batteries, without adding liquid does not leak, does not emit gases.
- The 3000W high-power drive assembly, the operating environment is more suitable for multi-slope.
- Built-in super power vacuum system, large filtration area, high-quality filters, easy to disassemble to clean, long service life.
- High quality wear-resistant wire brush to brush the side of the main brush (length 850mm), long life, bristles without breakage.

S19 Rider sweeper is one set of vacuum sweeping jet sweepers, suitable for municipal, commercial, industrial and other fields, professional solution dust(dust)on the road, leaves, sand, stones, chips, soft drinks bottles of various types of garbage.



PARAMETER TABLE

| Project               | Unit | Parameters |
|-----------------------|------|------------|
| Width(included brush) | mm   | 1900       |
| Productivity          | m²/h | 13000      |
| Continuous work time  | h    | 8          |
| Waste hopper capacity | L    | 200        |
| Filiter surface       | m²   | 10         |
| Main brush length     | mm   | 850        |
| Side brush's diameter | mm   | 500        |
| Work speed            | km/h | 12         |
| Driving speed         | km/h | 7          |

\*The above parameters are for reference only, specific to the actual model as the standard.



S20 Rider Sweeper is one set of vacuum sweeping jet sweeper, suitable for municipal, commercial, industrial and other fields, professional solution dust(dust) on the road, leaves, sand, stones, chips, soft drinks bottles of various types of garbage.



PARAMETER TABLE

| Project               | Unit | Parameters |
|-----------------------|------|------------|
| Width(included brush) | mm   | 2000       |
| Productivity          | m²/h | 14000      |
| Continuous work time  | h    | 8          |
| Waste hopper capacity | L    | 230        |
| Filiter surface       | m²   | 10         |
| Main brush length     | mm   | 850        |
| Side brush's diameter | mm   | 500        |
| Work speed            | km/h | 12         |
| Driving speed         | km/h | 7          |

\*The above parameters are for reference only, specific to the actual model as the standard.

| Project                     | Unit | Parameters     |
|-----------------------------|------|----------------|
| Gradient                    | °    | <30            |
| Voltage                     | V    | 48             |
| Self Weight                 | Kg   | 930            |
| Working Power               | W    | 2300           |
| Driving Power               | W    | 3000           |
| Spray water tank (optional) | L    | 60             |
| Size(L*W*H)                 | mm   | 2100x1250x2000 |



S13 type Electric sweeper with sweep width 1.36 meters, professional solution to municipal roads, streets, scenic spots, campus, square, ground cleaning market. Especially suitable for residential, warehouse, garage, workshop and so on.

Feature

- The comfortable seat, and good operation wide vision;
- High chassis , sweep width 1.36 meters,
- Electric control system imported from Europe, intensive design installation, overcurrent protection, under voltage protection.
- Large garbage box to improve cleaning effect and efficiency.
- 55 dB low noise design, patent two grade dust control system, dust control ability is stronger,no dust reentrainment
- Front wheel shock absorber design, for protecting the vehicle control system,power supply system,dynamic system,increasing the operation comfort and safety.



PARAMETER TABLE

| Project               | Unit | Parameters |
|-----------------------|------|------------|
| Width(included brush) | mm   | 1300       |
| Productivity          | m²/h | 6800       |
| Continuous work time  | h    | 5          |
| Waste hopper capacity | L    | 120        |
| Filiter surface       | m²   | 5          |
| Main brush length     | mm   | 600x330    |
| Side brush's diameter | mm   | 500        |
| Work speed            | km/h | 9          |
| Driving speed         | km/h | 7          |

\*The above parameters are for reference only, specific to the actual model as the standard.

PARAMETER TABLE

| Project                   | Parameters      |
|---------------------------|-----------------|
| Voltage / Frequency       | 220~240V/50Hz   |
| Power                     | 3230W           |
| Current                   | 12.7A           |
| Roll Brush Speed          | 1300rpm/min     |
| Roll Brush Motor          | 230VDC/180W     |
| Roll Brush Width          | 400mm           |
| Water Sucking Motor       | 3000W           |
| Pressures                 | 30PSI           |
| Water Sucker Width        | 480mm           |
| Water Sucking Motor       | 220~240VAC/110W |
| Air Flow Rate             | 10inHg          |
| Clean Water Tank Capacity | 49L             |
| Dirty Water Tank Capacity | 42L             |
| Cable                     | 12m             |
| Net Weight                | 88kg            |
| Gross Weight              | 65kg            |
| Size                      | 1060x600x1005mm |
| Water Sucker Size         | 535x190x1455mm  |

\*The above parameters are for reference only, specific to the actual model as the standard.

Feature

This product is suitable for indoor and outdoor cleaning small to medium venues, easy to use, easy to maintain. Front side brush collects the big garbage debris, rear-mounted brush and vacuum filtration system synchronization



Feature

This product is suitable for indoor and outdoor cleaning in small medium venues, easy to use, easy to maintain. Front side brush collects the big garbage debris, rear-mounted brush and vacuum filtration system synchronization will be inhalation of fine dust garbage bins. Excellent cleaning ability for users to creat a comfortable environment.

PARAMETER TABLE

| Project          | Parameters | Project          | Parameters     |
|------------------|------------|------------------|----------------|
| Voltage          | 12VDC      | Efficiency       | 3680~5500m²    |
| Power            | 540W       | Cleaning Width   | 75cm           |
| Current          | 45A        | Weight           | 128kg          |
| Roll Brush Motor | 12VDC/460W | Battery          | 1x12V 135A     |
| Vibration        | 12VDC/80W  | Size             | 1250x800x750mm |
| Speed            | 0~6km/h    | Dustbin Capacity | 33L            |

\*The above parameters are for reference only, specific to the actual model as the standard.







Feature

- 1.Ergonomically designed steering wheel, can be more easily done.
  - 2.Brushes can automatically adjust the pressure plate to ensure that the cleaning effect in a variety of ground.
  - 3.Smart water sensing system,fully protected motor scraper and absorbent.
  - 4.Its body design can easily work in small spaces.
- 5.With low noise mode,even if in the noise areas you do not need to worry about.
  - 6.Super large water tanks can ensure superior efficiency.
  - 7.Large open design of the sewage tank can dump more conducive to thoroughly clean.
  - 8.Airborne charger to charge convenient,fast.

PARAMETER TABLE

| Project                    | Parameters | Project                 | Parameters      |
|----------------------------|------------|-------------------------|-----------------|
| Sewage/Water Tank Capacity | 115/110L   | Battery                 | (4x6v)230Ah     |
| Cleaning Efficiency        | 5530m /h   | Fer Charge Working Time | 4-5h            |
| Cleaning Width             | 850mm      | Work Noise              | 65dB(A)         |
| Squeegee Width             | 1155mm     | DC Voltage              | 24V             |
| Brush Motor                | 2x0.55kw   | Maximum Climbing Rate   | 6%/12%          |
| Vacuum Motor               | 2x0.375kw  | Weight(without battery) | 228kg           |
| Working Motor              | 0.88kw     | CBM(LxWxH)              | 1508x905x1268mm |

\*The above parameters are for reference only, specific to the actual model as the standard.

XD-850 Floor Scrubber is special suitable large commercial,industrial zone cleaning requirements,according to people's habits and improve the design of the driving style washing cars,new compact design,flexible and easy to operate,faster,better and more efficient.



XD-500 floor scrubber Especially suitable hotels, supermarkets, shopping malls, offices, airports, railway stations and factories workshops, warehouses.  
XD-500 floor scrubber With amazing working efficiency: According to the American Association ISSA Cleaning statistics manual cleaning efficiency ≤ 250 sqm / hour.  
XD-500 floor scrubber Cleaning efficiency is 2000 m2 / h, the efficiency of a machine is fast than eight times compare the artificial!

Feature

The streamlined ergonomic design provides perfect operation effect.  
Super large LCD touch working status of the machine at a glance.  
Battery capacity of 145Ah, can work continuously for more than 4.5 hours.  
Stainless steel anti-corrosion and hard to damaged.  
Adjustable Brush power system easy operation.  
Machine can be overturned, easy repaired and maintenance.



The streamlined ergonomic design provides perfect effect.



Super large LCD touch working status of the machine at a glance.



Battery capacity of 145Ah,can work continuously for more than 4.5 hours.



Stainless steel anti-corrosion and hard to damaged.



Adjustable Brush power system easy operation.



Machine can be overturned, easy repaired and maintained.



PARAMETER TABLE

| Project                 | Parameters |
|-------------------------|------------|
| Cleaning Width          | 500mm      |
| Squeegee width          | 818mm      |
| Scrub brushes width     | 1          |
| Water Tank Capacity     | 50L        |
| Sewage tank capacity    | 55L        |
| Working voltage         | 24V        |
| Brush-pressure          | 30Kg       |
| Brush motor power       | 550W       |
| Suction motor power     | 450W       |
| Working noise           | 68dB(A)    |
| Single battery capacity | 145Ah      |
| Weight                  | 85Kg       |
| Length                  | 1216mm     |
| Width                   | 502mm      |
| Height                  | 975mm      |

\*The above parameters are for reference only, specific to the actual model as the standard.



### Product Advantages

- Heavy duty design, apply to AC 380V/50HZ.
- Imported high quality pump station, lifting is stable.
- Patented safety system on platform, ensure the table decline in the course of an obstacles stop falling.
- To using scissors design, with overload protecting your safety.
- With safety wedge to facilitate maintenance.
- The products are widely used in manufacturing, maintenance industries.
- Conforms to EN 1757-2, U.S. ANSI/ASME.



HW1001



HW2001



HW4001

### PARAMETER TABLE

| Model  | Rated Lifting Capacity | Min height/Max height | Platform size | Base size | Elevating time | Power parameters | N. W. |
|--------|------------------------|-----------------------|---------------|-----------|----------------|------------------|-------|
|        | (Kg)                   | (mm)                  | (mm)          | (mm)      | (s)            |                  | (Kg)  |
| HW1001 | 1000                   | 205/990               | 1300x820      | 1240x640  | 20-25          | 380V/50HZ        | 160   |
| HW1002 | 1000                   | 205/990               | 1600x1000     | 1240x640  | 20-25          | 380V/50HZ        | 186   |
| HW1003 | 1000                   | 240/1300              | 1700x850      | 1580x640  | 30-35          | 380V/50HZ        | 200   |
| HW1004 | 1000                   | 240/1300              | 1700x1000     | 1580x640  | 30-35          | 380V/50HZ        | 210   |
| HW1005 | 1000                   | 240/1300              | 2000x850      | 1580x640  | 30-35          | 380V/50HZ        | 212   |
| HW1006 | 1000                   | 240/1300              | 2000x1000     | 1580x640  | 30-35          | 380V/50HZ        | 223   |
| HW1007 | 1000                   | 240/1300              | 1700x1500     | 1580x1320 | 30-40          | 380V/50HZ        | 365   |
| HW1008 | 1000                   | 240/1300              | 2000x1700     | 1580x1320 | 30-40          | 380V/50HZ        | 430   |
| HW2001 | 2000                   | 230/1000              | 1300x850      | 1220x785  | 20-25          | 380V/50HZ        | 235   |
| HW2002 | 2000                   | 230/1000              | 1600x1000     | 1220x785  | 20-25          | 380V/50HZ        | 268   |
| HW2003 | 2000                   | 250/1300              | 1700x850      | 1600x785  | 25-35          | 380V/50HZ        | 289   |
| HW2004 | 2000                   | 250/1300              | 1700x1000     | 1600x785  | 25-35          | 380V/50HZ        | 300   |
| HW2005 | 2000                   | 250/1300              | 2000x850      | 1600x785  | 25-35          | 380V/50HZ        | 300   |
| HW2006 | 2000                   | 250/1300              | 2000x1000     | 1600x785  | 25-35          | 380V/50HZ        | 315   |
| HW2007 | 2000                   | 250/1400              | 1700x1500     | 1600x1435 | 25-35          | 380V/50HZ        | 415   |
| HW2008 | 2000                   | 250/1400              | 2000x1800     | 1600x1435 | 25-35          | 380V/50HZ        | 500   |
| HW4001 | 4000                   | 240/1050              | 1700x1200     | 1600x900  | 30-40          | 380V/50HZ        | 375   |
| HW4002 | 4000                   | 240/1050              | 2000x1200     | 1600x900  | 30-40          | 380V/50HZ        | 405   |
| HW4003 | 4000                   | 300/1400              | 2000x1000     | 1980x900  | 30-40          | 380V/50HZ        | 470   |
| HW4004 | 4000                   | 300/1400              | 2000x1200     | 1980x900  | 35-40          | 380V/50HZ        | 490   |
| HW4005 | 4000                   | 300/1400              | 2200x1000     | 1980x900  | 35-40          | 380V/50HZ        | 480   |
| HW4006 | 4000                   | 300/1400              | 2200x1200     | 1980x900  | 35-40          | 380V/50HZ        | 505   |
| HW4007 | 4000                   | 350/1300              | 1700x1500     | 1620x1400 | 35-45          | 380V/50HZ        | 570   |
| HW4008 | 4000                   | 350/1300              | 2200x1800     | 1620x1400 | 35-45          | 380V/50HZ        | 655   |

Remark: Colour and special specification can be made according to the customer's demands.



Double Scissors



Three Scissors



Four Scissors

### PARAMETER TABLE

| MODEL                  | SJGF-1000 | SJGF-2000 | SJGF-4000 |
|------------------------|-----------|-----------|-----------|
| Capacity (kg)          | 1000      | 2000      | 4000      |
| Max. lift height (mm)  | 1780      | 1780      | 2050      |
| Min. Height (mm)       | 305       | 360       | 400       |
| Platform size L×W (mm) | 820×1300  | 850×1300  | 1700×1200 |
| Base size (mm)         | 640×1240  | 785×1220  | 1600×900  |
| Motor power (kw)       | 2.2       | 2.2       | 2.2       |
| Input voltage (V)      | 220/380   | 220/380   | 220/380   |
| Rise time (s)          | 35-45     | 35-45     | 55-65     |
| Service weight (kg)    | 210       | 295       | 520       |

### PARAMETER TABLE

| MODEL                  | SJGF-1000 | SJGF-2000 |
|------------------------|-----------|-----------|
| Capacity (kg)          | 1000      | 2000      |
| Max. lift height (mm)  | 3000      | 3000      |
| Min. Height (mm)       | 470       | 560       |
| Platform size L×W (mm) | 1700×1000 | 1700×1000 |
| Base size (mm)         | 1600×1000 | 1606×1010 |
| Motor power (kw)       | 2.2       | 2.2       |
| Input voltage (V)      | 220/380   | 220/380   |
| Rise time (s)          | 35-45     | 50-60     |
| Service weight (kg)    | 450       | 750       |

### PARAMETER TABLE

| MODEL                  | SJGF-400  | SJGF-800  |
|------------------------|-----------|-----------|
| Capacity (kg)          | 400       | 800       |
| Max. lift height (mm)  | 4140      | 3000      |
| Min. Height (mm)       | 600       | 706       |
| Platform size L×W (mm) | 1700×1000 | 1700×1000 |
| Base size (mm)         | 1600×1000 | 1606×1010 |
| Motor power (kw)       | 2.2       | 2.2       |
| Input voltage (V)      | 220/380   | 220/380   |
| Rise time (s)          | 30-40     | 70-80     |
| Service weight (kg)    | 548       | 858       |



- Large platform for special size materials.
- Heavy duty design.
- Conforms to EN1570 and ANSI/ASME safety standard.

#### Standard Safety Features:

- Platform with aluminum safety bar, it will stop when touch the obstacle.
- The internal power pack is equipped with a safety valve and a compensated flow switch.
- The safety valve can prevent overload operation and compensate the flow switch to control the low speed.
- Hydraulic system with explosion-proof valve, when the tubing burst, to prevent the rapid decline in the platform.
- Using anti-clip scissors design to prevent pinch injury.
- Pivot point of the shaft all automatic lubrication design.
- Removable rings are easy to operate and install the lifting platform.



#### PARAMETER TABLE

| MODEL                 | SJGS-2000 | SJGS-4000 |
|-----------------------|-----------|-----------|
| Capacity (kg)         | 2000      | 4000      |
| Max. lift height (mm) | 1000      | 1000      |
| Min. Height (mm)      | 205       | 230       |
| Platform size L×W(mm) | 2500×820  | 2500×850  |
| Base size(mm)         | 2460×640  | 2450×785  |
| Motor power (kw)      | 1.1       | 2.2       |
| Input voltage (V)     | 220/380   | 220/380   |
| Rise time (s)         | 40-45     | 30-40     |
| Service weight (kg)   | 265       | 360       |

- ◆ Imported high quality pump station, lifting is stable.
- ◆ Patented safety system on platform, ensure the table decline in the course of an obstacles stop falling.
- ◆ To using scissors design, with overload protection, protecting your safety.
- ◆ With safety wedge to facilitate maintenance.
- ◆ The products are widely used in manufacturing and maintenance industries.
- ◆ Conforms to EN 1757-2, U.S. ANSI/ASME.



#### PARAMETER TABLE

| Model  | Rated Lifting Capacity | Min height/Max height | platform size | Base size | Elevating time | Power parameters | N.W. |
|--------|------------------------|-----------------------|---------------|-----------|----------------|------------------|------|
|        | (Kg)                   | (mm)                  | (mm)          | (mm)      | (s)            |                  | (Kg) |
| HY1001 | 1000                   | 85/860                | 1450x1140     | 1325x1074 | 25             | 380V/50HZ        | 357  |
| HY1002 | 1000                   | 85/860                | 1600x1140     | 1325x1074 | 25             | 380V/50HZ        | 364  |
| HY1003 | 1000                   | 85/860                | 1450x800      | 1325x734  | 25             | 380V/50HZ        | 326  |
| HY1004 | 1000                   | 85/860                | 1600x800      | 1325x734  | 25             | 380V/50HZ        | 332  |
| HY1005 | 1000                   | 85/860                | 1600x1000     | 1325x734  | 25             | 380V/50HZ        | 352  |
| HY1501 | 1500                   | 105/870               | 1600x800      | 1325x734  | 30             | 380V/50HZ        | 302  |
| HY1502 | 1500                   | 105/870               | 1600x1000     | 1325x734  | 30             | 380V/50HZ        | 401  |
| HY1503 | 1500                   | 105/870               | 1600x1180     | 1325x734  | 30             | 380V/50HZ        | 415  |
| HY2001 | 2000                   | 105/870               | 1600x1180     | 1427x1114 | 35             | 380V/50HZ        | 419  |
| HY2002 | 2000                   | 105/870               | 1600x1000     | 1427x734  | 35             | 380V/50HZ        | 405  |

Remark : Colour and special specification can be made according to the customer's demands.

- Heavy duty design.
- For loading and unloading goods between ground and trucks.
- Conforms to EN1570 and ANSI/ASME safety standard.



#### PARAMETER TABLE

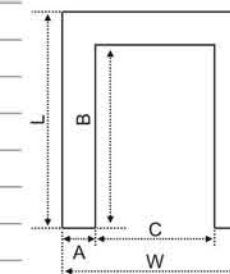
| MODEL                 | MJ-E2500  |
|-----------------------|-----------|
| Capacity (kg)         | 2500      |
| Max. lift height (mm) | 1500      |
| Min. Height (mm)      | 130       |
| Platform size         | 2000×2600 |
| Motor power (kw)      | 2.2       |
| Input voltage (V)     | 220/380   |
| Rise time (s)         | 60-70     |
| Service weight (kg)   | 1700      |



#### PARAMETER TABLE

| Model                  | HU1000         | HU1500    |
|------------------------|----------------|-----------|
| Rated Lifting Capacity | (Kg) 1000      | 1500      |
| platform size          | (mm) 1450x1140 | 1600x1180 |
| Size A                 | (mm) 280       | 300       |
| Size B                 | (mm) 1080      | 1194      |
| Size C                 | (mm) 580       | 580       |
| Min height/Max height  | (mm) 85/860    | 105/860   |
| Base size              | (mm) 1335x947  | 1335x947  |
| Elevating time         | (s) 25-35      | 30-40     |
| Power parameters       | 380V/50HZ      | 380V/50HZ |
| N.W.                   | (mm) 280       | 380       |

Remark : Colour and special specification can be made according to the customer's demands.



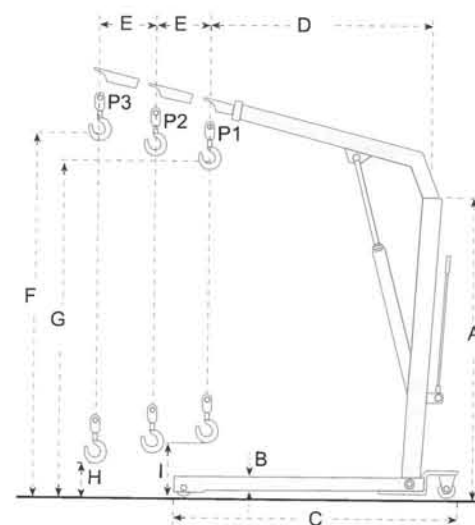


- Larger capacity than normal shop cranes at 3 positions.
- Chrome plated lifting piston and pump piston.
- Relief valve to prevent overload.
- 360° swivel operating handle.
- Forged heavy duty swivel hook.
- 125% overload testing before delivery.
- Delivered flat packed for saving space.
- **Conforms to CE safety standard.**

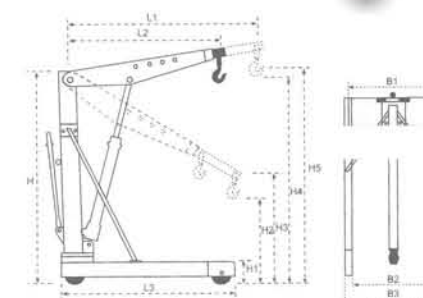


PARAMETER TABLE

| Model                    |    | LH-A500 | LH-A1000 | LH-A2000 |
|--------------------------|----|---------|----------|----------|
| Capacity at Position(kg) | P1 | 500     | 1000     | 2000     |
|                          | P2 | 425     | 800      | 1700     |
|                          | P3 | 350     | 700      | 1500     |
|                          |    |         |          |          |
| Net Weight(kg)           | A  | 1410    | 1675     | 1690     |
|                          | B  | 165     | 90       | 205      |
|                          | C  | 1510    | 1630     | 1900     |
|                          | D  | 895     | 1230     | 1290     |
|                          | E  | 102     | 150      |          |
|                          | F  | 2150    | 2500     | 2705     |
|                          | G  | 1960    | 2330     | 2505     |
|                          | H  | 150     |          |          |
|                          | I  | 340     | 245      | 230      |
| Overall width(mm)        |    | 970     | 1120     | 1165     |
| Net Weight(kg)           |    | 75      | 115      | 165      |



- Heavy duty design.
- Suitable for European pallet.
- Chrome plated lifting piston.
- **Conforms to CE safety standard.**



PARAMETER TABLE

| Model      |      | LH-D 1000 | LH-D 2000 |
|------------|------|-----------|-----------|
| Capacity   |      | 1000      | 2000      |
| Position1  | (kg) | 1000      | 2000      |
| Position2  |      | 900       | 1800      |
| Position3  |      | 800       | 1600      |
| Position4  |      | 700       | 1400      |
| Net Weight |      | 81        | 103       |
| L1         | (mm) | 1360      |           |
| L2         |      | 1060      |           |
| L3         |      | 1395      |           |
| H1         |      | 155       |           |
| H2         |      | 470       |           |
| H3         |      | 705       |           |
| H4         |      | 2225      |           |
| H5         |      | 2475      |           |
| H          |      | 1595      |           |
| B1         |      | 925       |           |
| B2         |      | 840       |           |
| B3         |      | 1000      |           |



## Steel Plate Rack

### Product introduction

Suitable for manual operation  
Load capacity 100kg-500kg/level  
Beam adjusted by 50mm pitch.  
Frame type structure, convenient for detach

### Product features

Consisting by upright frame, beam, steel plate. Suitable for manual operation. This kind of racking is low in cost, safe, adjustable, pretty in appearance, convenient for assembling and disassembling, and excellent in performance.



## Heavy Duty Pallet Rack

### Product introduction

Suitable for forklift operation  
Load capacity 1000kg-4500kg/level  
Beam adjusted by 75mm pitch.  
Can be customized according to customer requirements

### Product features

Heavy duty pallet rack, consisting of upright frame, beam and other parts. The frame is assembled by uprights and bracings and beams are fixed to uprights by hooks. The height of each layer can be adjusted by 75mm, the capacity of each layer can be up to 4500kg. It's convenient to load and unload pallets with goods on by using forklifts. Pallet rack is an ideal storage system for all warehouse storage needs. Widely used in fields of manufacturing industry, the third part logistics, distribution centers and so on



## Narrow Aisle Pallet Rack

### Product introduction

Suitable for special forklift operation  
Load capacity less than 1500kg/level  
Can be customized according to customer requirements

### Product features

Narrow Aisle Pallet Rack is good choice for the optimal use of floor space and anywhere that has high density storage needs and a narrow aisle access. The width of Narrow aisle is generally between 1400 mm to 1800mm, but height can be up to 10m. This type of racking is operated with "narrow aisle" forklift, and ground guided rail through the aisle allows faster and more safe operation.



## Cantilever Racking

### Product introduction

Load capacity by customer demands  
Can be customized according to customer requirements

### Product features

Cantilever rack mainly used for the storage of irregular or long items, such as rolled section steel, steel tube, plates and so on. The height of cantilever racking is usually lower than 2500mm (the height up to 6000mm by using the forklift). Level height is adjustable. The length of arm is less than 1500mm, each arm load capacity is no more than 1000kg normally. This type of racking is widely used in Mechanical Manufacturing Industry, markets for building materials and so on. According to the loading capacity, it can be divided into 3 types, light duty, medium duty and heavy duty cantilever racking.



## Drawer Rack

### Product introduction

Load capacity ≤ 4000kg/level  
Can be customized according to customer requirements

### Product features

Drawer rack is also called mould rack, mainly used for storage of all kinds of moulds, which could be assembled with manual movable carriage on the top so as to easily accumulating and taking the Moulds. According to the load capacity, divided to light drawer rack and heavy duty drawer rack.



## Gravity Rack

### Product introduction

Load capacity ≤ 1500kg/pallet  
Can be customized according to customer requirements

### Product features

Gravity rack is developed from pallet rack, it adopts drum type track and bottom wheel tray. Fixed the track to a certain angle, the high end goods can move along the track because of gravity, which can fulfill the principle of FIFO. There is no passage between rows of racks, and it can save the space.





## Auto-Slide Racking

### Product introduction

Load capacity  $\leq 1000\text{kg/level}$   
Can be customized according to customer requirements

### Product features

Auto-slide Racking system is gravity-driven perfect for application. Aluminum or steel roller rail are equipped between a pair of beams per layer to form a slope of 3 degree, and under the fluency of gravity, first in first out of goods are realized. Separating the loading aisle from the retrieval aisle allows pickers to operate more efficiently. With the titled shelves improving visibility order accuracy, Auto-slide Racking is the perfect answer for split case or pieced picking. The height of the racking is normally lower than 2500mm and the loading capacity of each layer can be up to 1000kg. Widely used in the manufacturing industry, business, distribution center, etc.



## Drive in Racking

### Product introduction

Suitable for forklift operation  
Load capacity less than 1500kg/level  
Can be customized according to customer requirements

### Product features

This type of racking is densely arrayed, making full use of storage space; both "first in first out" and "first in late out" are available, suitable for few types, large quantities of goods storage, which makes high density storage possible. Widely used in food, drink industry, and also be welcome by cold storage.



## Mezzanine Rack

### Product introduction

Load capacity max 1000kg/m<sup>2</sup>  
Can be equipped with lighting system  
Steel floor type : solid steel floor, grating floor, non-slip floor  
Can be customized according to customer requirements

### Product features

Mezzanine floor supported by shelving or pallet rack, Customized for several layers, equipped with staircase, hydraulic platform.  
Functions: human access, increase space and efficiency with a mezzanine designed for your application and budget.  
Equipped with staircase, handrail, lighting, if inner span of beam be suitable, the total cost can be saved a lot.  
You can lift heavy goods to top floor by forklift or hydraulic platform.  
Shelving loading: 300kg-1000 kg /layer.



## Steel Pallet



## Plastic Pallet



## Wooden Pallet



## Storage Cage



## Stackable Shelf



## Climbing Cart





## HAND TRUCK

### WT SERIES



#### HAND TRUCK

| Model                  | WT150       | WT300       | WTC150      | WTC300      |
|------------------------|-------------|-------------|-------------|-------------|
| Loading capacity (kg)  | 150         | 300         | 150         | 300         |
| Platform Capacity (mm) | 740X480     | 910X610     | 740X480     | 910X610     |
| Packing size (mm)      | 760X180X500 | 920X210X620 | 760X180X500 | 920X210X620 |
| The frame height (mm)  | 130         | 180         | 630         | 680         |
| Self weight (kg)       | 14          | 25          | 16          | 28          |

### PSL-I SERIES



#### SUPER-SILENT HAND TRUCK

| Model         | PSLI 150 | PSLI 300 |
|---------------|----------|----------|
| Width (mm)    | 490      | 600      |
| Length (mm)   | 750      | 900      |
| Capacity (Kg) | 150      | 300      |

### PSL-II SERIES



#### SUPER-SILENT HAND TRUCK

| Model         | PSLII150 | PSLII300 |
|---------------|----------|----------|
| Width (mm)    | 480      | 585      |
| Length (mm)   | 720      | 985      |
| Capacity (Kg) | 150      | 300      |

## HAND TRUCK

### ISL SERIES

#### IRON TUBE HAND TRUCK(1.5MM)



| Model         | ISL 150 | ISL 200 | ISL 300 |
|---------------|---------|---------|---------|
| Width (mm)    | 500     | 600     | 650     |
| Length (mm)   | 750     | 1000    | 1200    |
| Capacity (Kg) | 150     | 200     | 300     |

#### IRON TUBE HAND TRUCK(0.8MM)



| Model         | ISL 150 | ISL 200 | ISL 300 |
|---------------|---------|---------|---------|
| Width (mm)    | 500     | 600     | 650     |
| Length (mm)   | 750     | 1000    | 1200    |
| Capacity (Kg) | 150     | 200     | 300     |

### PT SERIES

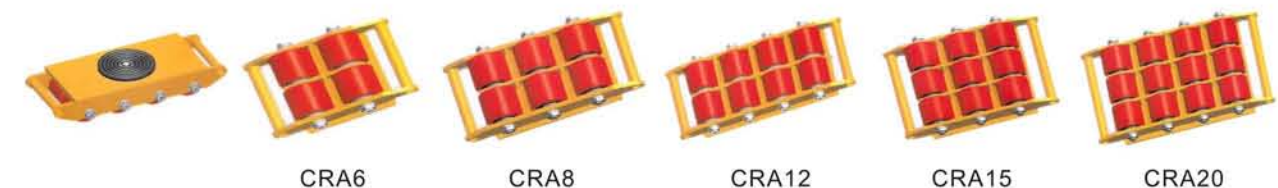


#### FLAT-DECK CAR TECHNICAL PARAMETER

| Specification         | PT-2      | PT-3      | PT-4      | PT-5      | PT-8      | PT-10     | PT-15     |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Capacity kg           | 2000      | 3000      | 4000      | 5000      | 8000      | 10000     | 15000     |
| Min.turning radius mm | 1800      | 1800      | 1900      | 2000      | 2000      | 2200      | 2500      |
| Height of platform mm | 570       | 570       | 600       | 620       | 650       | 650       | 700       |
| Wheel centre mm       | 1070      | 1220      | 1250      | 1300      | 1300      | 1300      | 1400      |
| Wheel base mm         | 1150      | 1200      | 1300      | 1300      | 1700      | 2600      | 3000      |
| Loading size mm       | 2000×1250 | 2200×1300 | 2400×1400 | 2400×1500 | 2500×1500 | 3000×1500 | 3500×1600 |
| Total size mm         | 2900      | 3200      | 3500      | 3500      | 3600      | 4100      | 4700      |

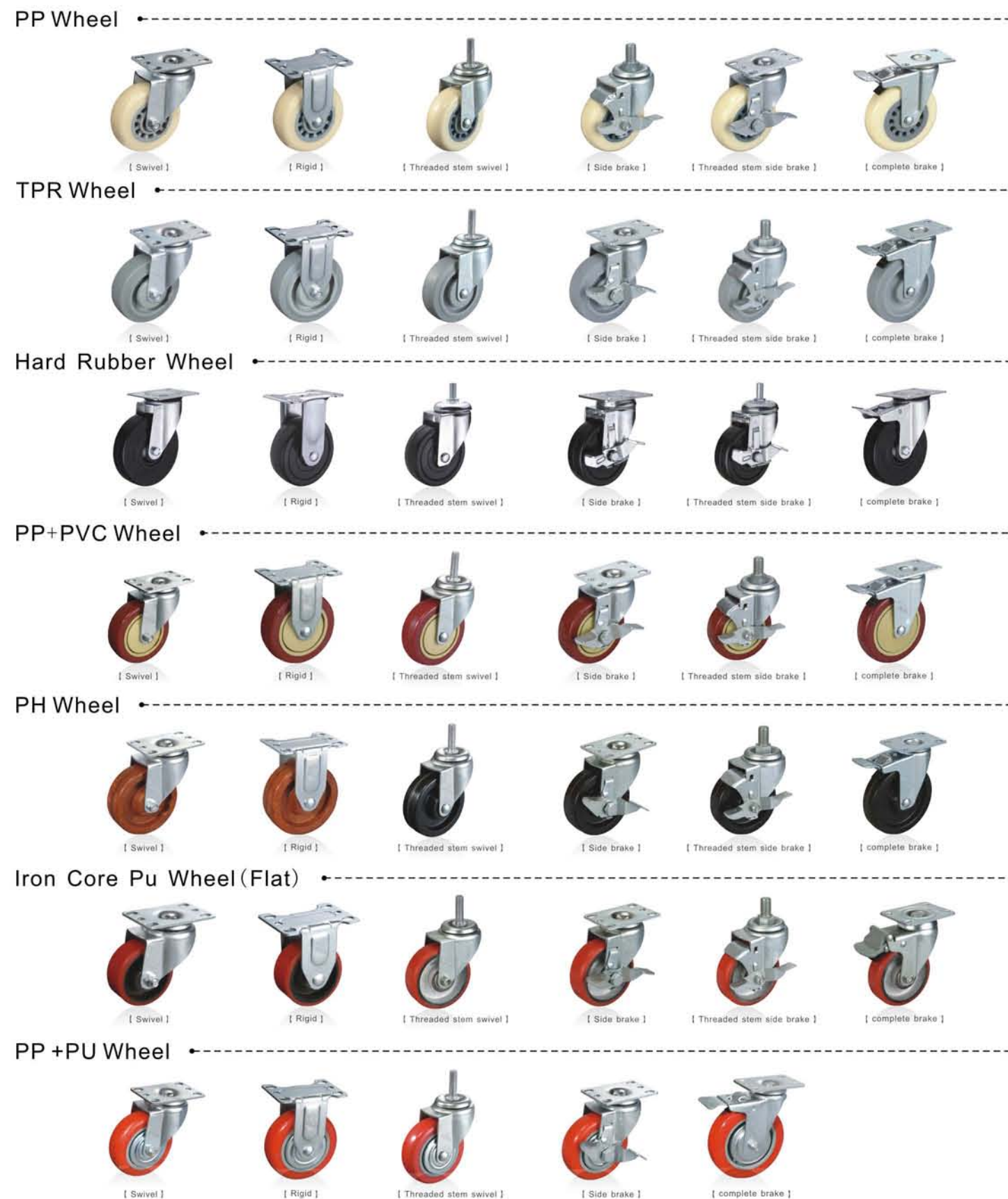
Remark: Colour and special specification can be made according to the customer's demands.

#### ADJUSTABLE & STEEABLE SKATES



| Model                | CRA6        | CRA8        | CRA12       | CRA15       | CRA20       |
|----------------------|-------------|-------------|-------------|-------------|-------------|
| Dimension(mm)(L×W×H) | 300×215×105 | 400×215×105 | 500×215×105 | 400×305×108 | 500×305×108 |
| Wheel size(mm)       | Φ80×70      | Φ80×70      | Φ80×70      | Φ80×70      | Φ80×70      |
| Number of wheels     | 4pcs        | 6pcs        | 8pcs        | 9pcs        | 12pcs       |
| wheel material       | PU          | PU          | PU          | PU          | PU          |
| Self weight (kg)     | 13          | 19          | 24          | 27          | 36          |
| Load Capacity (ton)  | 6           | 8           | 12          | 15          | 20          |







## C550 SERIES

Iron-Core PU Wheel(Narrow)



## C550 SERIES

Plastic-Core Anti-Skid PU Wheel



Plastic-Core Rubber Wheel(Elastic)



## C700 SERIES

Iron-Core PU Wheel



## C800 SERIES

Iron-Core PU Wheel



## C600 SERIES

Iron-Core PU Wheel (Flat) & Iron-Core PU Wheel



Elastic Iron-Core Rubber & Elastic Iron-Core PU



Elastic Iron-Core PU Wheel



## C810 SERIES

Elastic Iron-Core PU Wheel



## C810 SERIES

Iron-Core PU Wheel



## 003-1 SERIES

Light Duty Grey Rubber Caster Series (Grey PVC)



## 003-2 SERIES

Light Duty Grey Rubber Caster Series (Red PVC)



## 003-3 SERIES

Light Duty Grey Rubber Caster Series (Blue PVC)



## 004-1 SERIES

Black Rubber Industrial Caster Series (Rubber)



## 009-1 SERIES

US Single Ball Bearing Plastic TPR Medical Caster



## 009-2 SERIES

US Single Ball Bearing Plastic TPR Medical Caster



## 009-3 SERIES

European Style Double Wheel Caster





# Solutions

Improve Logistics system

