



Hand Pallet Truck

with capacity: 2000kg/2500kg/3000kg

The World of Hangcha
SINCE 1956


HANGCHA

CBY20/25/30-WS



- Less pulling force
- Quality and Durability
- Cost Effective
- Smooth lifting and lowering

2000/2500/3000kg 75/85mm 520/550/665mm

CBY10-WS



- High-tensile strength steel frame
- Ergonomic handle
- Unique wheel fork design

1000kg 35mm 550/685mm

CBY20-WS



- High-tensile strength steel frame
- Ergonomic handle
- Adjustable push rod

2000kg 51mm 550/685mm

CBY50-WS



- Fork thickness 5mm + 16mm flat steel
- High-tensile strength steel frame
- Integrated cast hydraulic pump

5000kg 85mm 550/685mm

CBY25/30-ES-WS



- High Precision multi-function LED screen
- Rechargeable 6V/4Ah battery
- Fork thickness 4mm

2500/3000kg 78mm 540/680mm

HLD-WS



- High-tensile strength steel frame
- Double cylinder, energy and time-saving
- Ergonomic handle
- PU wheels

1000/1500kg 85mm 800mm

HLS-WS



- High-tensile strength steel frame
- Single(quick lift) cylinder
- Ergonomic handle
- PU wheels

1000/1500kg 85mm 800mm

CBY25/30-G-WS



- Corrosion-resistant due to galvanized surfaces
- With pressure relief valve and overload valve
- Ergonomic handle

2500/3000kg 75/85mm 540/685mm

CBY25/30-S-WS



- All metal parts made completely stainless steel
- With pressure relief valve and overload valve
- Ergonomic handle

2500/3000kg 75/85mm 550/685mm

CBY20/25/30-WS

Hand Pallet Truck

Looks Similar,
But completely
Different.



Effortless



Durable



Cost Effective



Outstanding Quality

Easy to Pull, Built to last

Less pulling force

Effortless steering

High-quality, wear-resistant nylon and polyurethane wheels, with high load capacity, and smooth, effortless steering.

Less starting force to move a load

High-precision chassis with less starting force, easily handling loads of 2000, 2500 and 3000kg.

Smooth lifting and lowering

Rubber-coated handle, comfortable, non-slip grip and wear-resistant; Three lever control for easy operation; Standard with handle lever release and foot pedal release; Adjustable lowering speed; Handle lever automatically returns to neutral position after release.



Quality and Durability



High-strength chassis with 100% automated robotic welding

Minimal welding deformation, high precision and consistency, guaranteed welding quality.

Reinforced top cap

Additional support structures to increase strength and extend lifespan.



Adjustable push rod

If two forks are not balanced after one year use, push rod can be adjusted to make the forks back to same height.

Grooved V-block for extra reinforcement

High-quality, wear-resistant steer wheels and load wheels

Reinforced forks

Additional stiffeners on back of the forks for increased load capacity. Grooved forks, with a 400kg increase in static load capacity compared to flat forks.



Enhanced rocker arm



Big opening space for load wheels

A big opening space for load wheels, offering enhanced protection for the wheels, push rod, and wheel forks.

Cost Effective

- **One-piece cast pump with guaranteed quality, durable and easy to service**
Removable piston guide cap, easy to maintain and repair.
Over 200,000 times mechanical tests on working life.
Annual volume over 500,000 pieces, reliable with no oil leakage.
Removable small pump core design for easier repair and service.
Thickened steel spring for stronger elasticity and longer working life.
- **High-quality, high-standard electrostatic powder coating**
High level appearance with thick coating, strong adhesion, high corrosion resistance and wear resistance.
- **Easy to use and easy to service**
- **There is more to expect from HANGCHA, as we understand and respect customers' need for a product with excellent performance and lowest ownership cost.**



Wheels Options

Multiple options for wheels to suit different working conditions.



Strict Quality Control



100% pump inspection



Robotic welding



Automatic powder coating



Assembly line



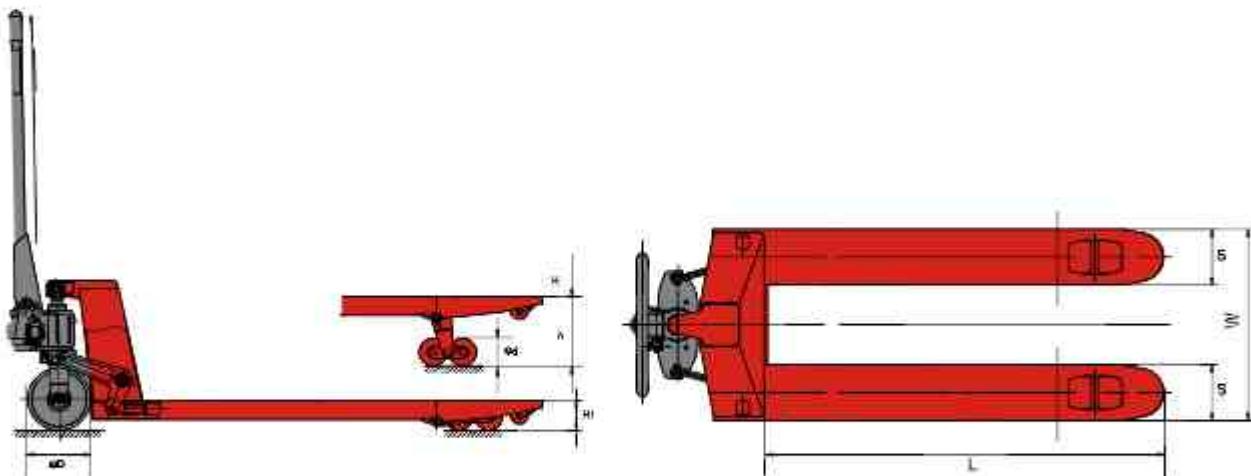
Pre-delivery Inspection



Solid packing

Specifications

| MODEL | CBY20-WS | CBY25-WS | | | CBY30-WS | | |
|---|----------|--------------------|--------|--------------------|-------------|--------------------|-------------|
| FEATURE | kg | 2000 | 2500 | 3000 | kg | BF | BF |
| 1.1 capacity | kg | 2000 | | | 3000 | | |
| 1.2 pump type | | DB Casted Pump | | | | BF | |
| WEIGHT | | | | | | | |
| 2.1 wheel(drive/load) Type | | PU/RU/Nylon | | | PU/RU/Nylon | | PU/RU/Nylon |
| 2.2 size of steering wheel | Ø mm | 160*50 | 180*50 | 200*50 | 180*50 | 180*50 | 200*50 |
| 2.3 size of Loading wheel(single wheel) | Ø mm | 70*80 | 74*93 | 80*93 | 74*93 | 80*93 | 80*93 |
| 2.4 size of Loading wheel(double wheel) | Ø mm | 70*60 | 74*70 | 80*70 | 74*70 | 80*70 | 80*70 |
| DIMENSIONS | | | | | | | |
| 3.1 lifting height | h mm | 115 | | 115 | | 115 | |
| 3.2 max. fork lifting height | H mm | 190 | 195 | 200 | 200 | 200 | 200 |
| 3.3 Lowered height of fork | H1 mm | 75 | 75 | 85 | 85 | 85 | 85 |
| 3.4 fork outside distance | W mm | 520/550/685 | | 520/550/685 | | 520/550/685 | |
| 3.5 fork length | L mm | 900/1100/1150/1220 | | 900/1100/1150/1220 | | 900/1100/1150/1220 | |
| 3.6 fork width | S mm | 150 | | 160 | | 160 | |
| 3.7 steel thickness(after painting) | mm | 2.5 | | 3 | | 3.75 | |
| 3.8 weight | kg | 40-57 | | 61.5-68.5 | | 71-78.5 | |

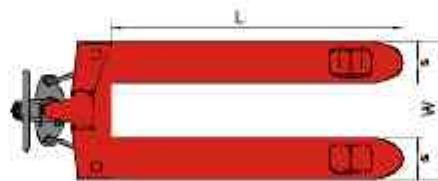
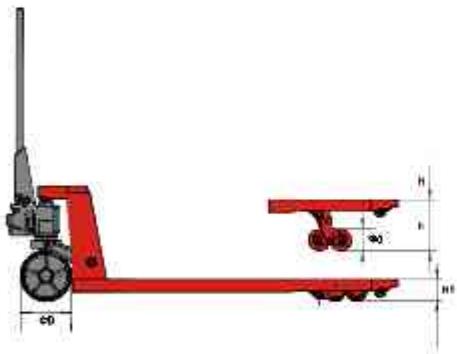


CBY20-WS

Low Profile Hand Pallet Truck

- Easy access to the lowest pallets and containers with the minimum floor clearance of 51mm only.
- High quality surface treatment.
- Reliable Pump, Integrated BF pump, more than 1 million pcs use in China per year, high reliable quality, extremely low failure rate.

| FEATURE | MODEL | CBY20-WS |
|---|-------|-------------------------|
| 1.1 capacity | kg | 2000 |
| 1.2 pump type | | BF |
| WHEEL | | |
| 2.1 wheel(drive/load) Type | | PU |
| 2.2 size of steering wheel | ΦD mm | 180*50 |
| 2.3 size of Loading wheel(double wheel) | Φd mm | 50*70 |
| DIMENSIONS | | |
| 3.1 lifting height | h mm | 90 |
| 3.2 max. fork lifting height | H mm | 141 |
| 3.3 lowered height of fork | H1 mm | 51 |
| 3.4 fork outside distance | W mm | 550/685 |
| 3.5 fork length | L mm | 1150x160x30/1220x160x30 |
| 3.6 fork width | S mm | 160 |
| 3.7 fork thickness | mm | 3 |
| 3.8 handle | | Coated square handle |



Strong Chassis Design



- Reinforced half Stiffener on both sides.



- Ergonomic handle**

Square handle with rubber coated, comfort and easy operation.



- Extra reinforcement rod on top of the chassis.

Leads to a longer chassis life time.



- Adjustable push rod**

Adjustable push rod design, after 1-2 years use, due to wrong load center, there might be situation with 2 forks not in the same even level, the customer can adjust the forks to even level with the adjustable push rod.

CBY10-WS

Low Profile Hand Pallet Truck

- Easy access to the lowest pallets and containers with the minimum floor clearance of 35mm only.
- High quality surface treatment.
- Reliable Pump, Integrated BF pump, more than 1 million pcs use in China per year, high reliable quality, extremely low failure rate.

| FEATURE | MODEL | CBY10-WS | |
|---|-------|-------------------------|--|
| 1.1 capacity | kg | 1000 | |
| 1.2 pump type | | BF | |
| WHEEL | | | |
| 2.1 wheel(drive/load) Type | | PU/IRON | |
| 2.2 size of steering wheel | ΦD mm | 160*50 | |
| 2.3 size of Loading wheel(double wheel) | Φd mm | 34*62 | |
| DIMENSIONS | | | |
| 3.1 lifting height | h mm | 60 | |
| 3.2 max. fork lifting height | H mm | 95 | |
| 3.3 lowered height of fork | H1 mm | 35 | |
| 3.4 Fork outside distance | W mm | 550/685 | |
| 3.5 fork length | L mm | 1150x160x30/1220x160x30 | |
| 3.6 fork width | S mm | 160 | |
| 3.7 fork thickness | mm | 3 | |
| 3.8 handle | | Coated square handle | |



Strong Chassis Design



- ◆ Full stiffener + Reinforced half Stiffener on both sides.
- ◆ Solid push rod.



- ◆ Extra reinforcement rod on top of the chassis.

Leads to a longer chassis life time.



- ◆ **Ergonomic handle**

Square handle with rubber coated, comfort and easy operation.



- ◆ Unique wheel fork design : Steady bolt.

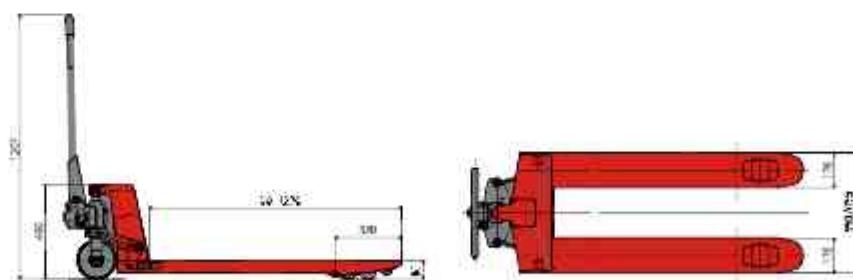


CBY50-WS

Heavy Duty Pallet Truck

- Reliable, sturdy, torsion-resistant due to its extremely strong high quality steel profile.
- Professional and ideal storage aid for all variety of manual transportation of short distances in stores and warehouse as well as factories. The lifting system is equipped with overloading protection valve to ensure safe operation.
- The utilized structural design guarantees the convenience of assembling and disassembling.
- Compact size, complete rocker arm, ensures that the whole truck is evenlypressed.

| FEATURE | Model | CBY50-WS | |
|-------------------|--|----------|--------------|
| 1.1 | capacity | kg | 5000 |
| 1.2 | pump type | | Integrated |
| WEIGHT | | | |
| 2.1 | wheel(drive/load) Type | | NYLON / IRON |
| 2.2 | size of steering wheel size of Loading | mm | 200*50 |
| 2.3 | wheel(double wheel) | mm | 80*75 |
| DIMENSIONS | | | |
| 3.1 | lifting height | mm | 110 |
| 3.2 | max. fork lifting height | mm | 195 |
| 3.3 | Lowered height of fork | mm | 85 |
| 3.4 | fork outside distance | mm | 550/685 |
| 3.5 | fork length | mm | 1150/1220 |
| 3.6 | fork width | mm | 176 |
| 3.7 | weight | kg | 130 |
| 3.8 | Fork thickness | mm | 5mm |
| 3.9 | Packing dimension | pcs | 4pcs/pallet |



Heavy duty type

- Additional entry & exit roller guarantees easy entry and exit of closed pallet.
- Adjustable push rod can adjust fork to even level when forks are not balanced after long term use or incorrect use.
- 5mm fork steel thickness, robot welding, ensures durability.



- Well painted integrated cast hydraulic pump, robust and durable, with fine control of lowering speed, overload valve, and low maintenance rate.

- Ergonomically designed handle with rubber grip allows the optimized safety as well as comfort.
- Three position operational handle lever for lifting, transporting and lowering purposes.



- The 12 copper bushings at rocker arms and wheel frames protect axle holes, ensuring quiet running properties and particularly long service life.



- Optional iron wheels.
- Customized fork length available: 1500, 1800, 2000 mm.

CBY25/30-ES-WS

SCALE PALLET TRUCK

- Heavy duty pallet truck with built-in scale
- 2500/3000kg capacity; 500g accuracy.
- Electronic indicator with 32mm high red LED display
- Four load cells ensure accurate readings in kg or lb.
- Well designed structure, standard 540/680mm fork width(rather than 570/700mm)
- Low profile 78mm min. fork height
- Long life internal battery rechargeable 6V/4Ah battery, 40 hours operation.

| FEATURE | MODEL | CBY25-ES-WS | CBY30-ES-WS | CBY25-SS-WS |
|-------------------|-------------------------------------|-------------|-------------|-------------------|
| 1.1 | Capacity | kg | 2500 | 3000 |
| 1.2 | Pump type | | Integrated | Integrated |
| 1.3 | Accuracy | ±0.5 | ±0.5 | ±0.5 |
| WHEEL | | | | |
| 2.1 | Wheel(drive/road) Type | | PU/Nylon | Nylon |
| 2.2 | Size of steering wheel | Ø mm | 180*50 | 180*50 |
| 2.3 | Size of Loading wheel(single wheel) | Ø mm | 70*96 | 70*96 |
| 2.4 | Size of Loading wheel(double wheel) | Ø mm | 70*70 | 70*70 |
| DIMENSIONS | | | | |
| 3.1 | Lifting height | H mm | 120 | 120 |
| 3.2 | at lifting height | h mm | 198 | 198 |
| 3.3 | Lowered height of fork | H1 mm | 78 | 78 |
| 3.4 | Fork outside distance | W mm | 540/680 | 540/680 |
| 3.5 | Fork length | L mm | 1150/1220 | 1150/1220 |
| 3.6 | Fork width | S mm | 160 | 160 |
| 3.7 | Weight | kg | 95-109.5 | 98-109.5 |
| BATTERY | | | | |
| 4.1 | Battery voltage | V | 6 | 6 |
| 4.2 | Battery capacity | Ah | 4 | 4 |
| 4.3 | Remark | | Standard | Stainless Version |



- ◆ **High Precision multi-function LED screen**

7 function keys, simple and convenient operation. 6-digit 32mm LED display, 7 state indicator lamps. Long service life and shock resistance.

Automatic screen protection and automatic shutdown energy-saving function. Tare / Hold / Accumulation (of pallet weight) / Counting mode / Unit switchable



- ◆ **Accurate weighing up to 2500/3000kgs**

Up to 2500kg or 3000kg, readings in kg or lb. 4 built-in load cells ensured accuracy. Accuracy $\pm 0.5\%$ (500g)

- ◆ **Casted galvanized pump**

Durable forks made from 4mm thickness steel



- ◆ **Fully Stainless version**

Fully 304 Stainless material, suitable for food, chemical industrial etc



- ◆ **4 load cells inner weighing structure**



Optional Configuration

- ◆ **Printer**

Built-in printer with rich printing formats and communication protocol.



| Accumulation data print out: | |
|------------------------------|---------|
| REPORT | |
| 1 | 0.200kg |
| 2 | 0.175kg |
| 3 | 0.147kg |
| 4 | 0.375kg |
| Total: | 1.097kg |

| Count data print out: | |
|------------------------|---------|
| REPORT | |
| Gross: | 8.545kg |
| Averaged: | 22 |
| Weight data print out: | |
| REPORT | |
| Gross: | 45.0kg |
| Tare: | 5.0kg |
| Net: | 40.0kg |

HLD-WS

MANUAL HIGH LIFT PALLET TRUCK

- With pressure relief valve and overload valve to prevent pump damages when loads exceeds weight limits.

| MODEL | HLD1000-WS | HLD1500-WS |
|----------------------------------|-----------------|-----------------|
| 1.1 Capacity kg | 1000 | 1500 |
| 1.2 Min. fork height H mm | 85 | 85 |
| 1.3 Max. fork height H mm | 800 | 800 |
| 1.4 Size of fork S mm | 160x50 | 160x50 |
| 1.5 Fork overall width W mm | 540/680 | 540/680 |
| 1.6 Fork length L mm | 1150 | 1150 |
| 1.7 Size of load wheel Ød mm | 80x50 | 80x50 |
| 1.8 Load wheel | Nylon/PU | Nylon/PU |
| 1.9 Size of steering wheel Ød mm | 180x50 | 180x50 |
| 1.10 Steering wheel | Nylon/PU/Rubber | Nylon/PU/Rubber |
| 1.11 Pump | Quick Lift | Quick Lift |
| 1.12 Weight kg | 95/97 | 99/102 |
| 1.13 Material | NORMAL | NORMAL |



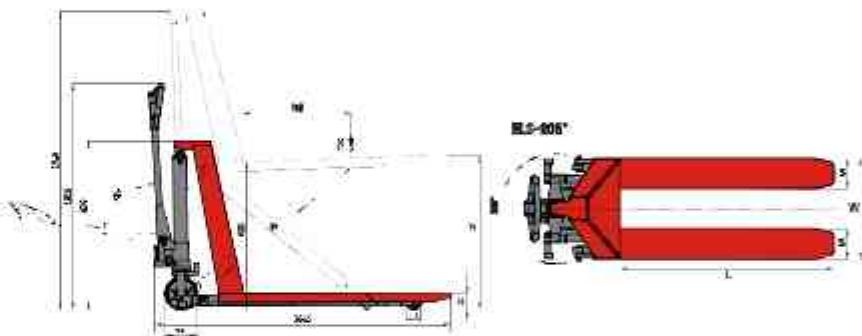
- PU steering wheel and fork rollers as standard option for damp or harsh environments applications.

HLS-WS

MANUAL HIGH LIFT PALLET TRUCK

- Scissor lift pallet truck design to load and unload conveyor, feed presses, or any applications requiring moving and positioning pallets or containers of materials.
- Equipped with quick lift function doubles the lift speed for loads lighter than 200kg.

| MODEL | HLS1000N-WS | HLS1500N-WS |
|----------------------------------|-----------------|-----------------|
| 1.1 Capacity kg | 1000 | 1500 |
| 1.2 Min. fork height H mm | 85 | 85 |
| 1.3 Max. fork height h mm | 800 | 800 |
| 1.4 Size of fork S mm | 160x50 | 160x50 |
| 1.5 Fork overall width W mm | 540/680 | 540/680 |
| 1.6 Fork length L mm | 1150 | 1150 |
| 1.7 Size of load wheel Ød mm | 80x70 | 80x70 |
| 1.8 Load wheel | Nylon/PU | Nylon/PU |
| 1.9 Size of steering wheel Ød mm | 180x50 | 180x50 |
| 1.10 Steering wheel | Nylon/PU/Rubber | Nylon/PU/Rubber |
| 1.11 Pump | Quick Lift | Quick Lift |
| 1.12 Weight kg | 113/116 | 125/130 |
| 1.13 Material | NORMAL | NORMAL |



- With pressure relief valve and overload valve to prevent pump damages when loads exceeds weight limits.
- The enclosed fork tips and reinforced fork frames ensure long service life.

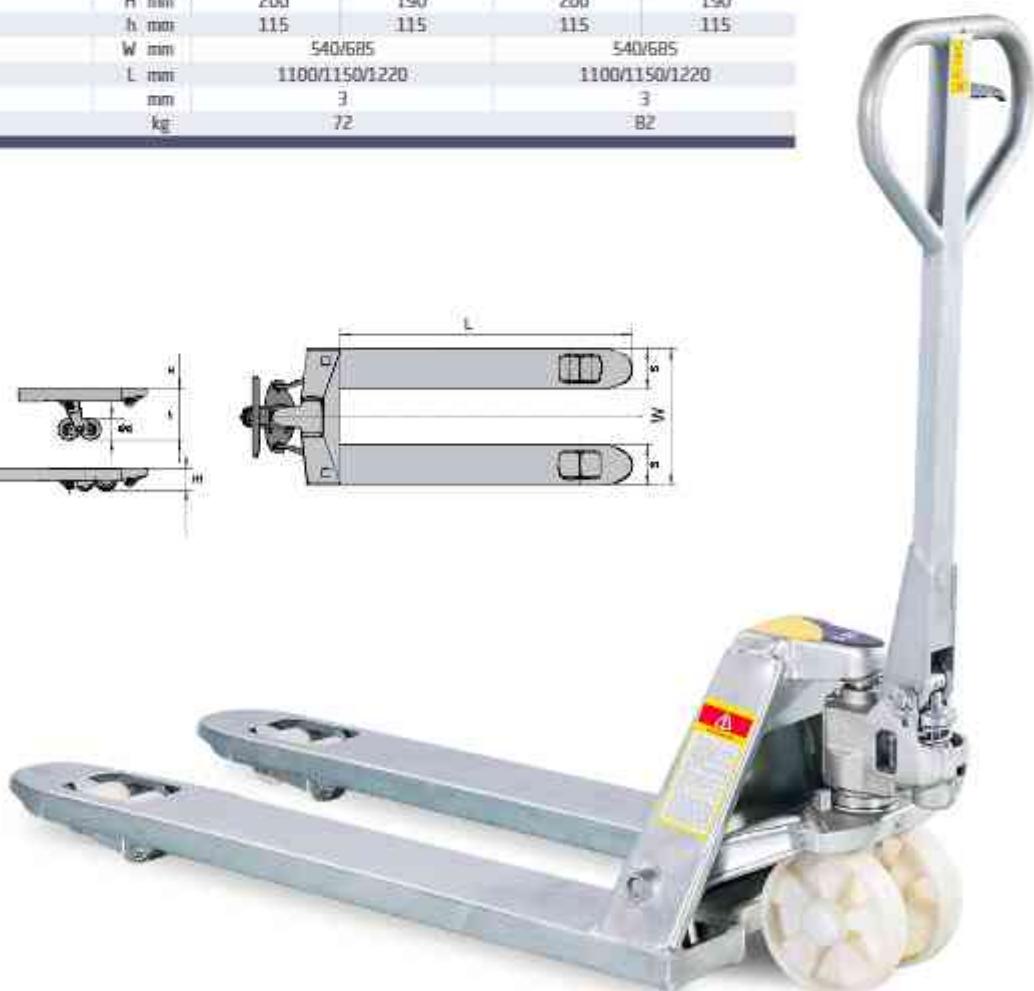
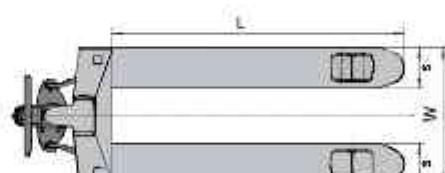
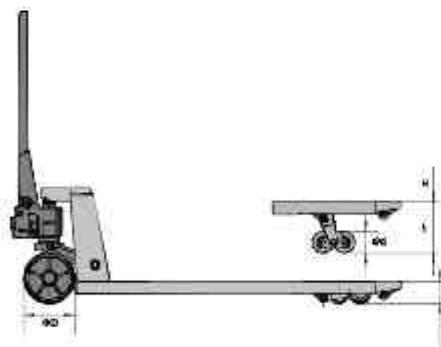


CBY25/30-G-WS

GALVANIZED HAND PALLET TRUCK

- All the exposed parts of the whole truck galvanized, including hydraulic pump, fork frame, handle and so on.
- Special application in cold and wet environments resists the effects of cold, condensation and washing.

| MODEL | CBY25-G-WS | | | CBY30-G-WS | |
|--------------------------------|------------|----------------|--------|----------------|--------|
| FEATURE | | | | | |
| 1.1 Capacity | kg | 2500 | | 3000 | |
| 1.2 Pump Type | | AC Pump | | AC Pump | |
| WHEEL | | | | | |
| 2.1 Wheel Type | | Nylon | | Nylon | |
| 2.2 Size of load wheel(single) | Φd mm | 80x93 | 74*93 | 80x93 | 74*93 |
| 2.3 Size of load wheel(tandem) | Φd mm | 80x70 | 74*70 | 80x70 | 74*70 |
| 2.4 Size of steering wheel | Φd mm | 200x50 | 180*50 | 200x50 | 180*50 |
| DIMENSION | | | | | |
| 3.1 Size of fork | S mm | 160x60 | | 160x60 | |
| 3.2 Min. fork height | H1 mm | 85 | 75 | 85 | 75 |
| 3.3 Max. fork height | H mm | 200 | 190 | 200 | 190 |
| 3.4 Lifting height | h mm | 115 | 115 | 115 | 115 |
| 3.5 Fork overall width | W mm | 540/685 | | 540/685 | |
| 3.6 Fork length | L mm | 1100/1150/1220 | | 1100/1150/1220 | |
| 3.7 Fork thickness | mm | 3 | | 3 | |
| 3.8 Weight | kg | 72 | | 82 | |





- With pressure relief valve and overload valve to prevent pump damages when loads exceed weight limits.
- The one-piece pump design simplifies repairs, assuring reliable service and long life.



- Nylon fork rollers as standard option for damp or harsh environments applications.

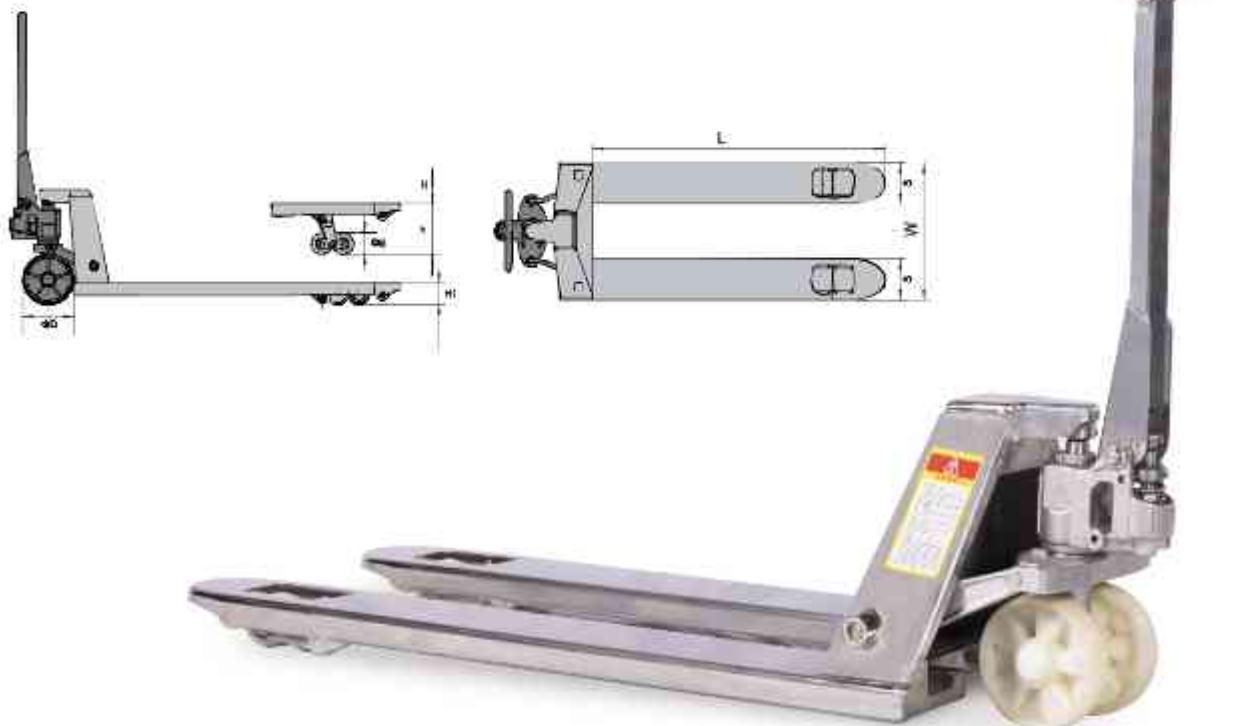


CBY25/30-S-WS

STAINLESS HAND PALLET TRUCK

- All metal parts made completely stainless steel, including hydraulic pump, fork frame, handle and so on.
- Ideal transport aid for application in damp or harsh environments such as meat or fish processing plants, dairies, pharmaceutical and chemical industry.
- Specially designed for applications where hygiene is of utmost importance.

| MODEL | CBY25-S-WS | CBY30-S-WS |
|---------------------------------|------------|----------------------|
| FEATURE | | |
| 1.1 Capacity | kg | 2500 |
| 1.2 Pump type | | Stainless steel Pump |
| WHEEL | | |
| 2.1 Wheel type | | Nylon |
| 2.2 Size of steering wheel | Φ D mm | 180x50 |
| 2.3 Size of load wheel (single) | Φ d mm | 74x93 |
| 2.4 Size of load wheel (tandem) | Φ d mm | 80x70 |
| DIMENSION | | |
| 3.1 Min. fork height | H1 mm | 85/75 |
| 3.2 Max. fork height | H mm | 195/185 |
| 3.3 Lifting height | h mm | 115 |
| 3.4 Individual Fork Width | S mm | 160 |
| 3.5 Fork overall width | W mm | 550/605 |
| 3.6 Fork length | L mm | 1150/1220 |
| 3.7 Weight | kg | 70-80 |





- With pressure relief valve and overload valve to prevent pump damages when loads exceeds weight limits.



- Nylon fork rollers as standard option for damp or harsh environments applications.



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