



# Hand Pallet Truck

with capacity: 2000kg/2500kg/3000kg

*The World of Hangcha*  
SINCE 1956



## CBY20/25/30-WS



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



## CBY20-WS



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



## CBY10-WS



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



## CBY50-WS



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



## CBY25/30-ES-WS



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



## HLD-WS



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



## HLS-WS



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



## CBY25/30-G-WS



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



## CBY25/30-S-WS



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





# 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**

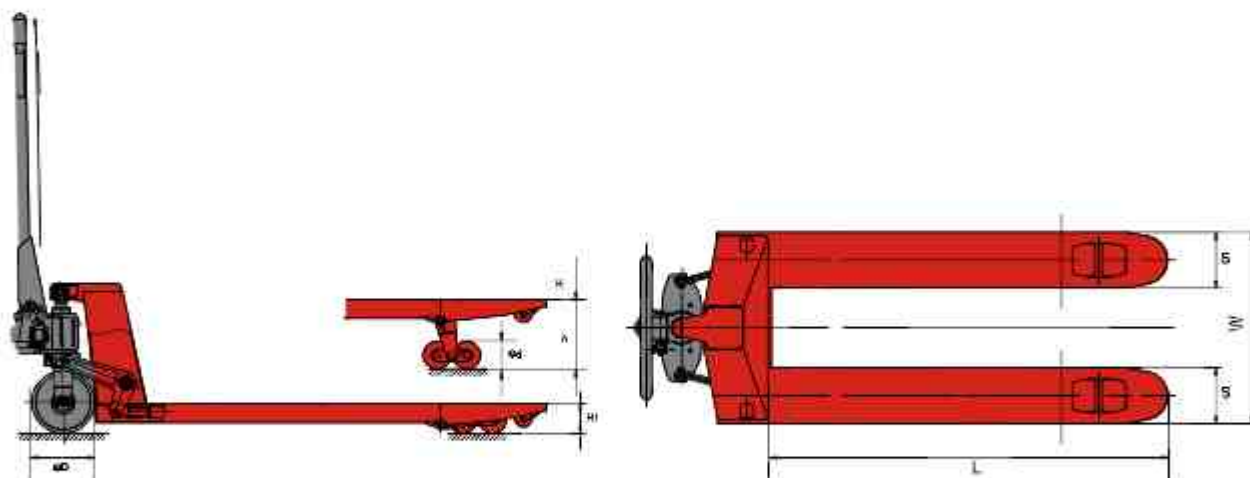


**Solid packing**



# Specifications

MODEL		CBY20-WS		CBY25-WS			CBY30-WS		
FEATURE									
1.1	capacity	kg	2000	2500			3000		
1.2	pump type		DB Casted Pump	BF			BF		
WEIGHT									
2.1	wheel(drive/load) Type		PU/RU/Nylon	PU/RU/Nylon			PU/RU/Nylon		
2.2	size of steering wheel	φD mm	160*50	180*50	180*50	200*50	180*50	180*50	200*50
2.3	size of Loading wheel(single wheel)	φd mm	70*80	74*93	80*93	80*93	74*93	80*93	80*93
2.4	size of Loading wheel(double wheel)	φd mm	70*60	74*70	80*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	195	200	200
3.3	Lowered height of fork	H1 mm	75	75	85	85	75	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		

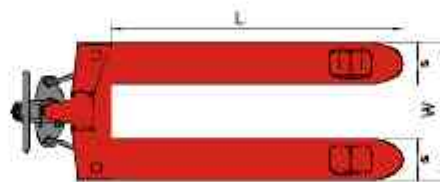
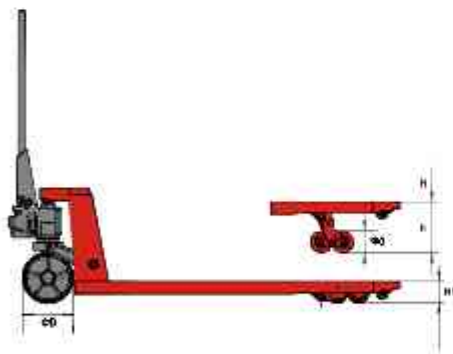


# CBY20-WS

## 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.

MODEL		CBY20-WS
<b>FEATURE</b>		
1.1	capacity	2000
1.2	pump type	BF
<b>WHEEL</b>		
2.1	wheel(drive/load) Type	PU
2.2	size of steering wheel	180*50
2.3	size of Loading wheel(double wheel)	50*70
<b>DIMENSIONS</b>		
3.1	lifting height	90
3.2	max. fork lifting height	141
3.3	lowered height of fork	51
3.4	fork outside distance	550/585
3.5	fork length	1150x160x30/1220x160x30
3.6	fork width	160
3.7	fork thickness	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.

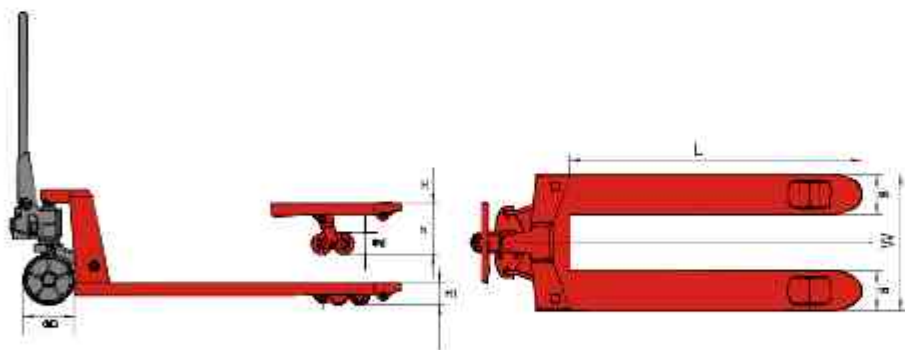


# CBY10-WS

## 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.

MODEL		CBY10-WS	
FEATURE			
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	550/585
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.

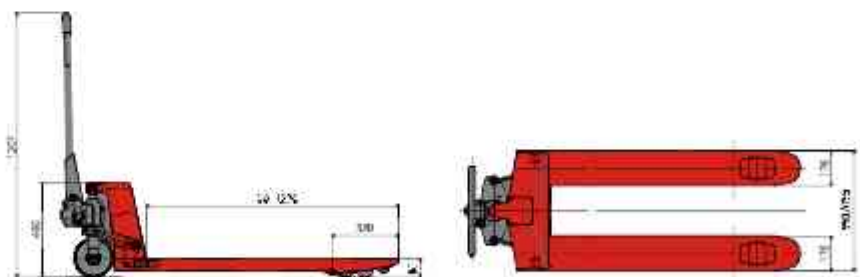


# CBY50-WS

## 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 evenly pressed.

Model		CBY50-WS	
FEATURE			
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





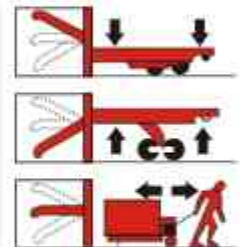
## Heavy duty type

- ◆ 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.

MODEL			CBY25-ES-WS	CBY30-ES-WS	CBY25-SS-WS
<b>FEATURE</b>					
1.1	Capacity	kg	2500	3000	2500
1.2	Pump type		Integrated	Integrated	Stainless
1.3	Accuracy	%	±0.5	±0.5	±0.5
<b>WHEEL</b>					
2.1	Wheel(drive/load) Type		PU/Nylon	PU/Nylon	Nylon
2.2	Size of steering wheel	ΦD mm	180*50	180*50	180*50
2.3	Size of Loading wheel(single wheel)	Φd mm	70*96	70*96	70*96
2.4	Size of Loading wheel(double wheel)	Φd mm	70*70	70*70	70*70
<b>DIMENSIONS</b>					
3.1	Lifting height	H mm	120	120	120
3.2	Max lifting height	h mm	198	198	198
3.3	Lowered height of fork	H1 mm	78	78	78
3.4	Fork outside distance	W mm	540/680	540/680	540/680
3.5	Fork length	L mm	1150/1220	1150/1220	1150/1220
3.6	Fork width	S mm	160	160	160
3.7	Weight	kg	96-108.5	98-108.5	102-110
<b>BATTERY</b>					
4.1	Battery voltage	V	6	6	6
4.2	Battery capacity	Ah	4	4	4
4.3	Remark		Standard	Standard	Stainless Version



- ◆ **High Precision muti-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	0.347kg
4	0.375kg
Total: 1.097kg	

Count data print out:

REPORT	
Gross:	0.547kg
Amount:	50
REPORT	
Gross:	45.0kg
Tare:	5.0kg
Net:	40.0kg

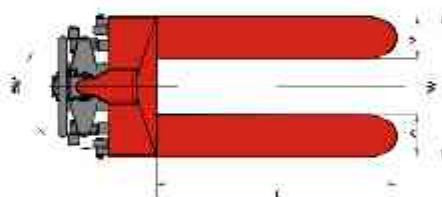
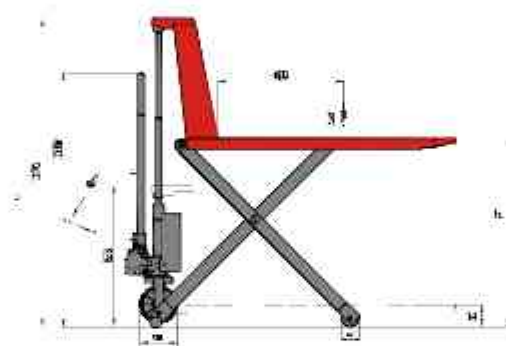


# HLD-WS

## 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	Φd mm	80x50	80x50
1.8	Load wheel		Nylon/PU	Nylon/PU
1.9	Size of steering wheel	ΦD 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



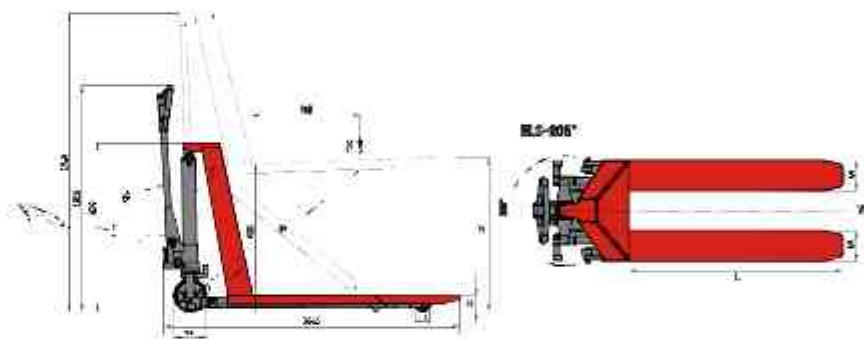
- PU steering wheel and fork rollers as standard option for damp or harsh environments applications.

# 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	Φd mm	80x70	80x70
1.8	Load wheel		Nylon/PU	Nylon/PU
1.9	Size of steering wheel	ΦD 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.

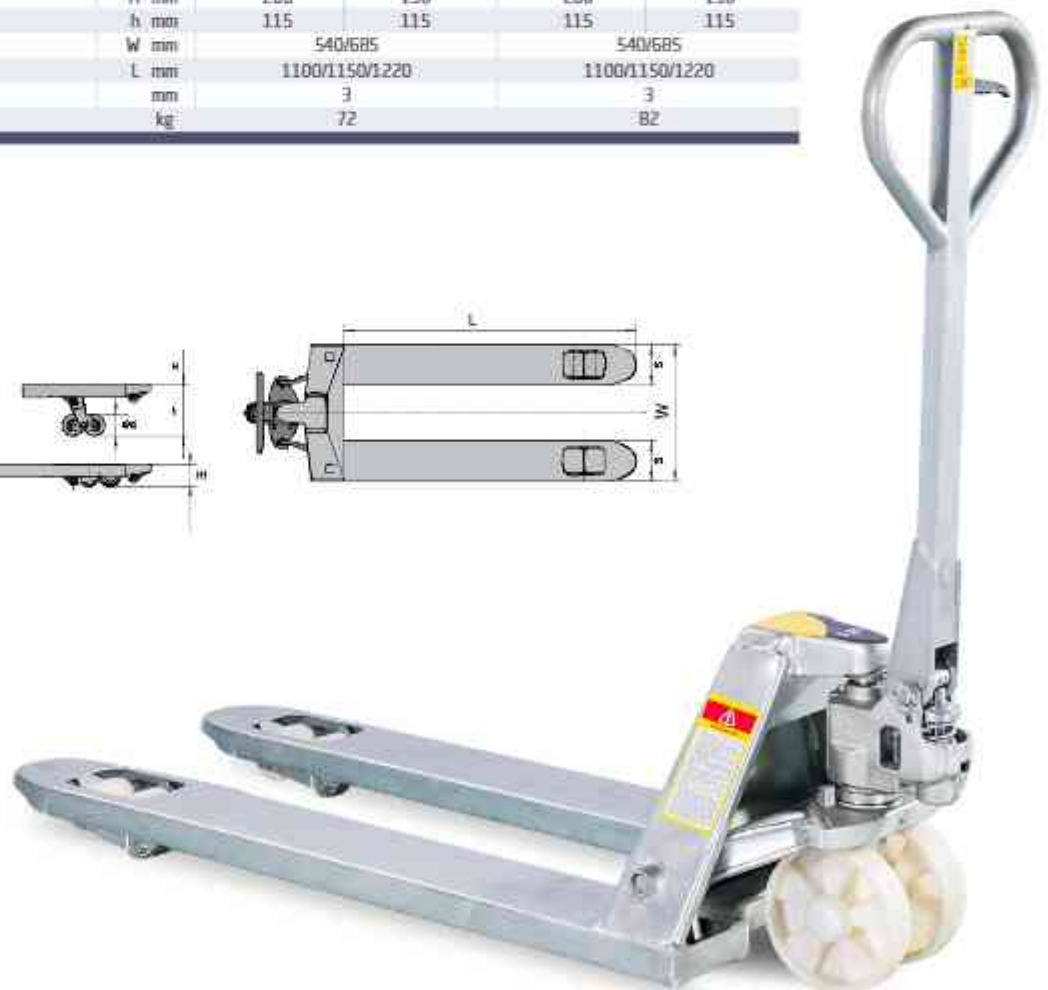
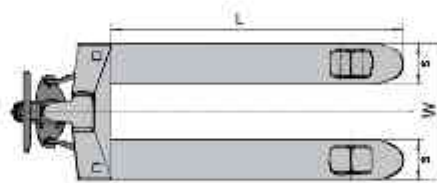
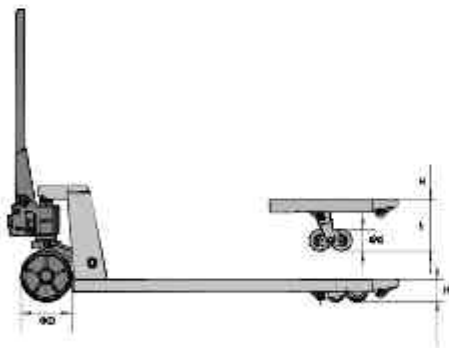


# CBY25/30-G-WS

## 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	ΦØ 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.

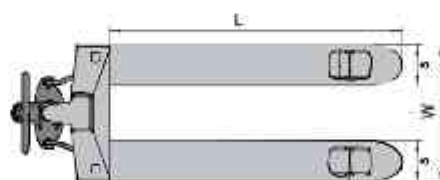
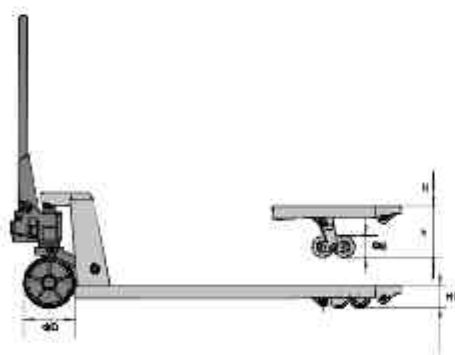


# CBY25/30-S-WS

## 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	3000
1.2	Pump type		Stainless steel Pump	
WHEEL				
2.1	Wheel type		Nylon	
2.2	Size of steering wheel	øD mm	180x50	
2.3	Size of load wheel(single)	ød mm	74x93	
2.4	Size of load wheel(tandem)	ød 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	550/685	
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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ISO 14001



ISO 9001:2015



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