



Factory address

Contact information

Data communication

The product specifications contained in this product manual are only used as promotional materials.
The upgrade of the product leads to changes in various parameters. We will not notify you further.



Logistics equipment production supplier

Manual / electric
Pallet truck / platform truck
Stacker / forklift

About Us

GRACE Forklift Company is a R&D and production supplier of logistics equipment. The company has high-tech technology R&D personnel and a strong pre-sales and after-sales service group. The company's equipment can meet the production needs of various trucks and electric forklifts as well as non-standard forklifts.



The main components of the company's electric forklifts are imported components. The main products are: electric balance forklifts, electric forward forklifts, electric stackers, electric pallet trucks, lifting platforms, car tailgates, manual forklifts and various material handling equipment. And widely used in food, beverage, pharmaceutical, textile, chemical, building materials, supermarkets, home appliances, automobiles, machinery, logistics and ports and many other industries. At the same time, Grace forklifts have won unanimous praise from all continents and established a good partnership with the company. Grace forklifts have established direct sales companies and spare parts logistics centers to continuously improve the entire pre-sales and after-sales service system.

"Quality-oriented, customer first" is Grace's business philosophy, "quality, cheap, dedicated service" is Grace's eternal pursuit. We are firmly committed to our customers - Grace forklifts increase efficiency for you, saving you time and effort! We will meet the full range of logistics needs of different customers. In order to improve the standardized products to customers, Grace has been working hard to do better!

The concept of sustainable development is a key component of Grace forklift market strategy. We attach great importance to the improvement of product quality and put a lot of energy into the research and development of forklifts. We regard high efficiency work, ecological protection, environmental protection and energy conservation as our responsibility. We are brave enough to take responsibility for economic development, ecological environment and social contribution, and we are committed to ensuring future development and innovation capabilities.

Focusing on solid customer relationships, Grace forklifts are constantly exploring and developing, grasping the development status and trends of handling equipment in various industries, and are committed to growing with customers and opening up new futures.

· Forklifts play a very important role in the logistics system of enterprises, and they are the main force in material handling equipment.

Industrial handling vehicles are widely used in ports, stations, airports, freight yards, factory workshops, warehouses, distribution centers and distribution centers. The loading, unloading and handling of pallet goods in cabins, compartments and containers is a must for pallet transportation and container transportation. Indispensable equipment.

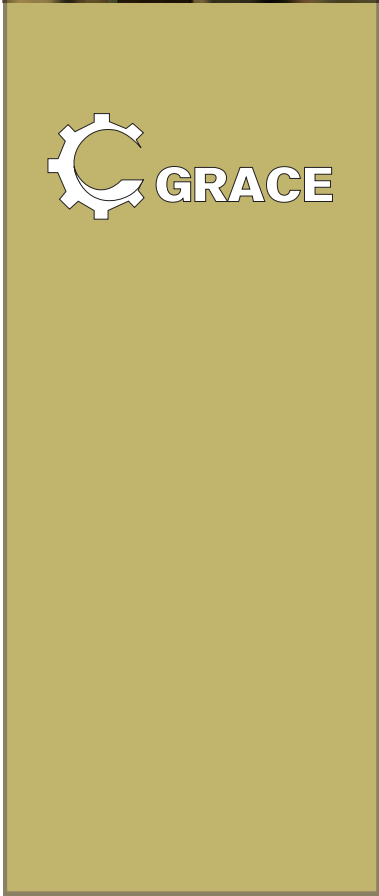
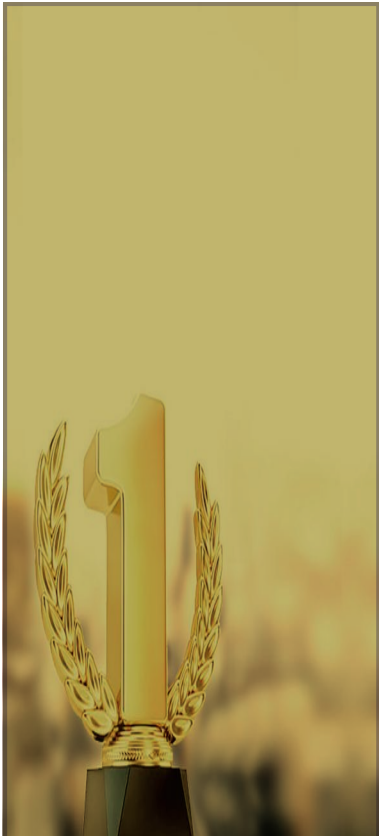
· China began manufacturing forklifts in the early 1950s, especially with the rapid development of China's economy. Most of the company's material handling has been removed from the original manual handling, replaced by forklift-based mechanized handling. Therefore, in the past few years, the demand for the Chinese forklift market has grown at a double-digit rate every year.

· The electric motor is used as the power source and the battery is the energy source. The carrying capacity is 1.0 to 5.0 tons, and the working channel width is generally 2.4 to 3.0 meters.

Because it has no pollution and low noise, it is widely used in indoor operations and other environmentally demanding conditions, such as medicine, food and other industries. With the emphasis on environmental protection, electric forklifts are gradually replacing internal combustion forklifts.

Qualification And Certificate

GRACE FORKLIFT



Some Customers Show





CBD Series
All-electric Truck
CBD20/25/30/40
-Load 2000/2500/3000/4000KG
-Load center distance 600MM
-Lifting height 205MM
-Drive motor power 1.5KW
-Increase motor power 2.2KW
-Electromagnetic brake
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BDD Series
Semi-electric Stacker
BDD10/15/20
-Load 1000/1500/2000KG
-Load center distance 500MM
-Overall length 1860MM
-Increase motor power 1.6KW
-Mechanical brake
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CQD Series
Forward Electric Forklift
CQD10/15
-Load 1000/1500KG
-Load center distance 500MM
-Drive motor power 1.5KW
-Increase motor power 2.2KW
-Electromagnetic - regenerative braking
-Mechanical steering
-Optional distribution steering
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CPD Series
Counterbalanced Forklift
CPD10/15/20/30
-Load 1000/1500/2000/3000KG
-Drive motor power 3.75/10/10.2KW
-Oil pump motor power 3/5/12/20KW
-Load center distance 500MM
-Mechanical - manual
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CDD-A Series
Walking Pallet Stacker
CDD-I10/15
-Load 1000/1500KG
-Load center distance 500MM
-Overall length 1760MM
-Drive motor power 0.75KW
-Increase motor power 2.2KW
-Electromagnetic brake
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CDD Series
Full Electric Pallet Stacker
CDD10/15/20
-Load 1000/1500/2000KG
-Load center distance 500MM
-Drive motor power 1.5KW
-Increase motor power 2.2KW
-Electromagnetic brake
-Optional distribution steering
PAGE11



BD Series
2000/3000kg Manual Pallet Truck
BD
-Load 2000/3000KG
-Lifting height 190MM
-Overall length 1520/1590MM
-Turning radius 1265/1335MM
-Self weight 70KG
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WF Series
5000kg Manual Pallet Truck
WF
-Load 5000KG
-Lifting height 205/190MM
-Overall length 1544/1614MM
-Turning radius 1265/1335MM
-Self weight 125KG
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CDD Series
High Lift Full Electric Pallet Stacker
CDD10/15/20
-Load 1000/1500/2000KG
-Load center distance 500MM
-Drive motor power 1.5KW
-Increase motor power 2.2KW
-Electromagnetic brake
-Optional distribution steering
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CPD-S Series
Counterbalanced-forklift
CPD-S10/S15
-Load 1000/1500KG
-Load center distance 500MM
-Drive motor power 1.5KW
-Increase motor power 2.2KW
-Electromagnetic - regenerative braking
-Mechanical steering
-Optional distribution steering
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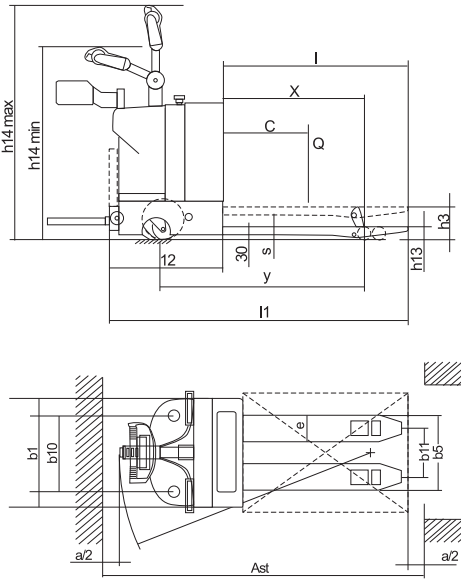
SDP Series
150/300/500kg Manual Platform Truck
SDP150/300/500
-Load 150/300/500KG
-Lifting height 515/620/590MM
-Maximum height 740/900/900MM
-Body length 700/942/1670MM
-Wheel diameter 100/127/127MM
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SDPS Series
150/350kg Manual Platform Truck
SDPS150/350
-Load 150/350KG
-Lifting height 798/950MM
-Maximum height 1100/1300MM
-Body full 773/980MM
-Wheel diameter 100/127MM
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Application
Technology
Characteristics

- The handlebar is equipped with an emergency reverse switch for safer operation;
- Battery display and working time display;
- Emergency power off switch;
- Turtle-shaped slow speed switch;
- Infinitely variable speed control;
- The spring adjustment structure balance wheel is wear resistant and has good stability;
- AC motor, no need to replace the carbon brush, with good ramp start performance;
- The entire driving unit has a small radius of gyration, and the wheel replacement and maintenance is simple and convenient;
- The motor has better dustproof and waterproof effects, making the brakes and motors more durable and reliable.
- The station pedal has a good shock absorber effect, comfortable operation and not easy to fatigue.
- The lubricating shaft and the bushing are added on the rotating shaft to facilitate the user to better maintain the car;
- The sturdy steel casing is easy to open, simple and easy to maintain and overhaul.
- Optional distribution steering



Product
Appearance
Display

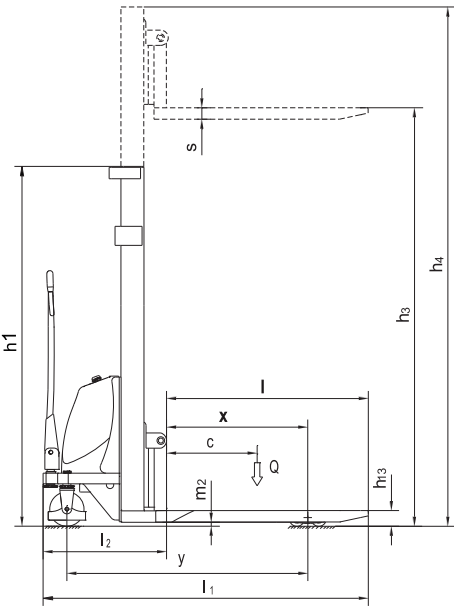
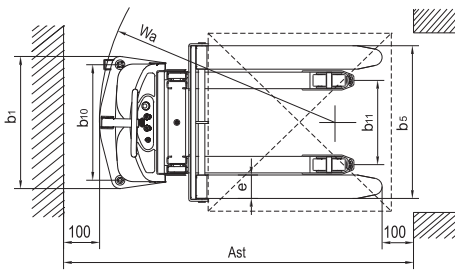


Technology
Parameter

Model	Unit	CBD20/25/30/40
Rated load	Kg	2000/2500/3000/4000
Driving style		Standing
Load center distance	mm(c)	600
Front suspension	x(mm)	815/865/935
Track	Y(mm)	1211/1261/1331
Self weight (with battery)	kg	540
Shaft load, front/rear shaft at full load	kg	1080/1460
Axle load, front/rear axis at no load	kg	470/170
Wheel		Polyurethane wheel
Wheel size, front wheel	mm	250*80
Wheel size, rear wheel	mm	80*70
Number of wheels (x: driving wheels)		1x+2/4
Front wheel track	(b10)mm	580
Rear wheel track	(b11)mm	340/370/470/505
Lifting height	h3(mm)	205
Reduced height	H13mm	85
Handle minimum/maximum height	h14(mm)	1042/1295
Overall length	l1(mm)	1780/1830/1900
Fork length	l2(mm)	1200
Fork size	S/e/l(mm)	65*180*1200(1200-3000)
Body width	b1(mm)	805
Outer fork width	b5(mm)	550/685
Wheelbase center ground clearance	m2(mm)	40
Channel width (1000x1200mm tray)	Ast(mm)	2100/2400
Channel width (800x1200mm tray)	Ast(mm)	2080/2100
Turning radius	Wa(mm)	1482/1608/1678
Driving speed, full load / no load	Km/h	4.5/6.2
Increase speed, full load / no load	m/s	0.03/0.04
Falling speed, full load / no load	m/s	0.05/0.045
Maximum climbing ability, full load / no load	%	5/12
Service brake		Electromagnetic brake
Drive motor power	kW	1.5
Increase motor power	kW	2.2
Battery 24V	AH	120/130

Application Technology Characteristics

- Steel plate links turn to durable
- The explosion-proof valve ensures a smooth down platform and protects the operator's safety;
- Adjust the fork to the same height as the leg;
- The foot brake is easy to operate.



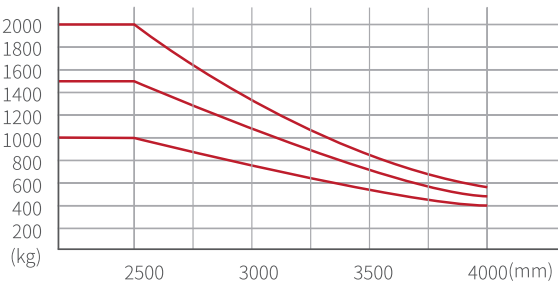
Product Appearance Display



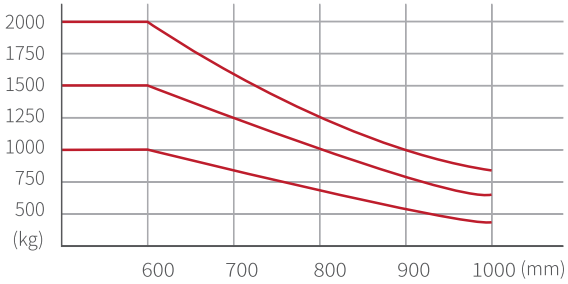
Technology Parameter

Model	Unit	BDD10/15/20
Drive mode		Manual
Driving style		Walking
Rated load	Q(kg)	1000/1500/2000
Load center distance	c(mm)	500
Front suspension	x(mm)	745
Track	Y(mm)	1185
Self weight (with battery)	kg	380/400/440
wheel		Nylon wheel
Wheel size, front wheel		Φ180*50
Wheel size, rear wheel		Φ80×70
Number of wheels (x: driving wheels)		2/2
Front wheel track	b10(mm)	700
Rear wheel track	b11(mm)	410/525
Lifting height	h1(mm)	1600/2000/2500/3000/3500
Height when the gantry is retracted	h3(mm)	2090/1590/1840/2090/2340
Maximum height of the gantry during operation	h4(mm)	2100/2500/3000/3500/4000
Reduced height	h13(mm)	90
Overall length	l1(mm)	1860
Fork length	l2(mm)	1100
Body width	b1(mm)	800
Fork size	S/e/l(mm)	50×160×1100
Outer fork width	b5(mm)	320-1030
Wheelbase center ground clearance	m2(mm)	40
Channel width (1000x1200mm tray)	Ast(mm)	2305
Channel width (800x1200mm tray)	Ast(mm)	2258
Turning radius	Wa(mm)	1425
Increase speed, full load / no load	m/s	0.08/0.1
Falling speed, full load / no load	m/s	0.12/0.09
Service brake		Mechanical brake
Increase motor power	kW	1.6
Battery 12V	AH	120
Battery weight	Kg	43
Battery size (length X width X height)	mm	376*188*320
Noise level according to DIN12053	dB(A)	≤70

Lifting height - load curve

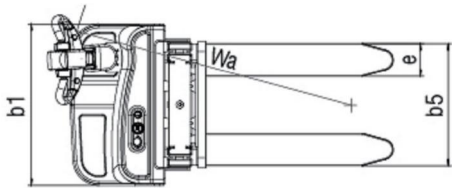
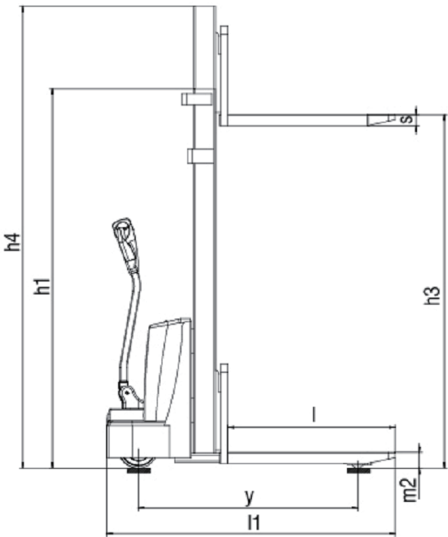


Load center - load curve

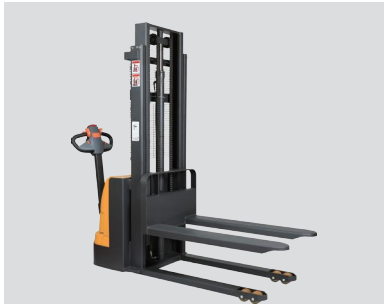


Application Technology Characteristics

- With a rated load, it is easy to work on a 5% slope.
- The vehicle is compact, flexible, and has good maneuverability. It can also work efficiently and freely in a space with a narrow space.
- The handle has a turtle speed switch and the handle has an upright walking function.
- With adjustable balance wheel, the car walks smoothly and there is no shaking on the left and right.
- With good shock absorber effect, the balance wheel assembly is detachable as a whole, which is convenient for maintenance and maintenance.



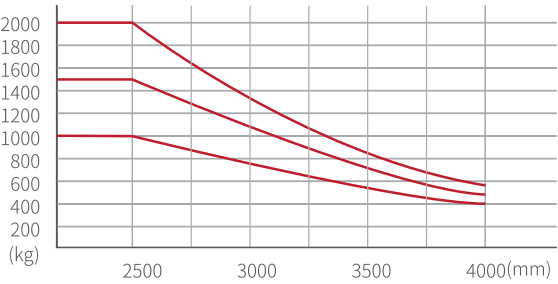
Product Appearance Display



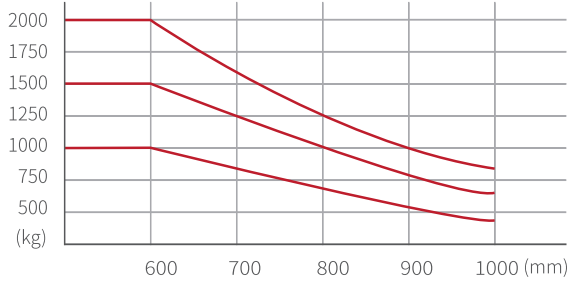
Technology Parameter

Model	Unit	CDD-A10	CDD-A15
Drive mode		Electric (battery)	Electric (battery)
Driving style		Walk	Walking
Rated load	Q(kg)	1000	1500
Load center distance	c(mm)	500	500
Track	Y(mm)	1555	1555
Self weight (with battery)	kg	418-526	418-526
Wheel		PU wheel	PU wheel
Wheel size, front wheel		φ250×80	φ250×80
Wheel size, rear wheel		φ80×70	φ80×70
Additional wheel (size)		φ100×50	φ100×50
Number of wheels (x: driving wheels)		1x+2/4	1x+2/4
Front wheel track	b10(mm)	886	886
Rear wheel track	b11(mm)	525	525
Lifting height	h14(mm)	1600/2000/2500/3000/3500	1600/2000/2500/3000/3500
Height when the gantry is retracted	h15(mm)	2090/1590/1840/2090/2340	2090/1590/1840/2090/2340
Reduced height	h13(mm)	90	90
Overall length	l1(mm)	1760	1760
Gantry height during operation	l2(mm)	2090/2500/3000/3500/4000	2090/2500/3000/3500/4000
Body width	b1(mm)	800	800
Fork size	S/e/l(mm)	60/170/1100	60/170/1100
Outer fork width	b5(mm)	690	690
Wheelbase center ground clearance	m2(mm)	40	40
Channel width (1000x1200mm tray)	Ast(mm)	2200	2200
Channel width (800x1200mm tray)	Ast(mm)	2100	2100
Turning radius	Wa(mm)	1370	1370
Driving speed, full load / no load	Km/h	4/5.6	4/5.6
Increase speed, full load / no load	m/s	0.08/0.1	0.08/0.1
Falling speed, full load / no load	m/s	0.12/0.09	0.12/0.09
Climbing ability, loading/unloading	%	3/7	3/7
Service brake		Electromagnetic brake	Electromagnetic brake
Drive motor power	kW	0.75	0.75
Increase motor power	kW	2.2	2.2
Battery 24V	AH	80	80
Battery weight	Kg	26×2	26×2
Noise level according to DIN12053	dB(A)	≤70	<70

Lifting height - load curve

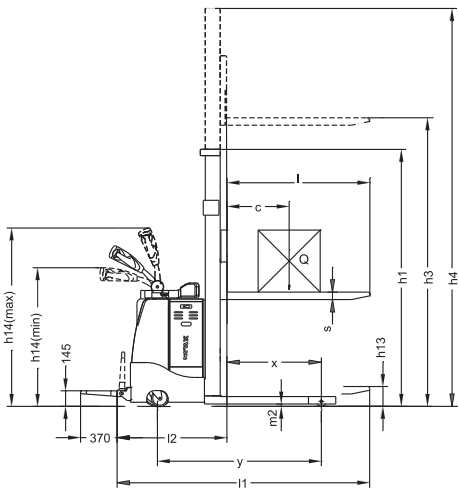


Load center - load curve



Application Technology Characteristics

- Emergency reverse device;
- The built-in unloading valve protects the car from overloading and improves the reliability of the car;
- Emergency power off switch;
- Turtle-shaped slow speed switch;
- Infinitely variable speed control;
- Foldable, thickened pedals and guardrails enhance operator comfort and safety.
- The side cylinder ensures wide field of view operation and smoothness of the car structure;
- The balance wheel of the spring adjustment structure is resistant to wear and has good stability;
- Sturdy imported door frame.



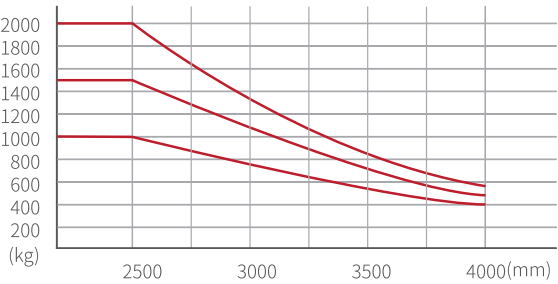
Product Appearance Display



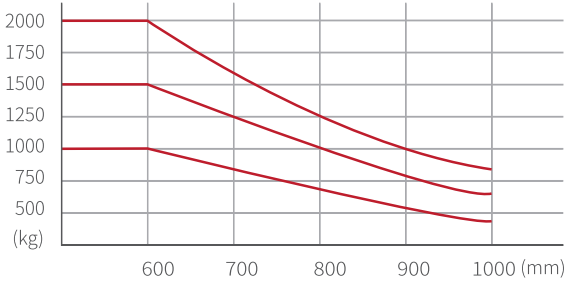
Technology Parameter

Model	Unit	CDD10	CDD15	CDD20
Drive mode		Electric (battery)	Electric (battery)	Electric (battery)
Driving style		Standing	Standing	Standing
Rated load	Q(kg)	1000	1500	2000
Load center distance	C(mm)	500	500	500
Front suspension	X(mm)	960	960	960
Track	Y(mm)	1555	1555	1555
Self weight (with battery)	kg	700-1100	700-1100	700-1100
wheel		Polyurethane wheel	Polyurethane wheel	Polyurethane wheel
Wheel size, front wheel		Φ250x80	Φ250x80	Φ250x80
Wheel size, rear wheel		Φ80x70	Φ80x70	Φ80x70
Additional wheel (size)		Φ100x50	Φ100x50	Φ100x50
Number of wheels (x: driving wheels)		1x+2/4	1x+2/4	1x+2/4
Front wheel track	b10(mm)	886	886	886
Rear wheel track	b11(mm)	525	525	525
Height of gantry work	h14(mm)	2090/2590/3090/3590/4090	2090/2590/3090/3590/4090	2090/2590/3090/3590/4090
Lifting height	h15(mm)	1600/2000/2500/3000/3500	1600/2000/2500/3000/3500	1600/2000/2500/3000/3500
Reduced height	h13(mm)	90	90	90
Overall length	/1(mm)	2140	2140	2140
Height when the gantry is retracted	/2(mm)	2090/1590/1840/2090/2340	2090/1590/1840/2090/2340	2090/1590/1840/2090/2340
Body width	b1(mm)	850	850	850
Fork size	S/e/l(mm)	60/170/1100	60/170/1100	60/170/1100
Outer fork width	b5(mm)	690	690	690
Wheelbase center ground clearance	m2(mm)	40	40	40
Channel width (1000x1200mm tray)	Ast(mm)	2464	2464	2464
Channel width (800x1200mm tray)	Ast(mm)	2401	2401	2401
Turning radius	Wa(mm)	1600	1600	1600
Driving speed, full load / no load	KM/h	4/5.6	4/5.6	4/5.6
Increase speed, full load / no load	m/s	0.08/0.1	0.08/0.1	0.08/0.1
Falling speed, full load / no load	m/s	0.12/0.09	0.12/0.09	0.12/0.09
Climbing ability, full load / unload	%	6/10	6/10	6/10
Service brake		Electromagnetic brake	Electromagnetic brake	Electromagnetic brake
Drive motor power	KW	1.5	1.5	1.5
Increase motor power	KW	2.2	2.2	2.2
Battery 24V	AH	120/130	120/130	120/130/210/240
Battery weight	kg	268	268	268
Battery size (length x width x height)	mm	650*260*480	650*260*480	650*260*480
Noise level according to DIN12053	dB(A)	<70	<70	<70

Lifting height - load curve



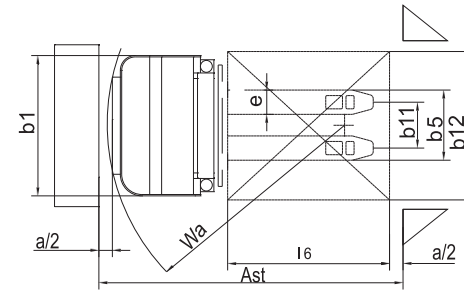
Load center - load curve



CDD Series - High Lifting Full Electric Pallet Stacker (CDD10/15/20)

Application Technology Characteristics

- Emergency reverse device;
- The built-in unloading valve protects the car from overloading and improves the reliability of the car;
- Emergency power off switch;
- Turtle-shaped slow speed switch;
- Infinitely variable speed control;
- Foldable, thickened pedals and guardrails enhance operator comfort and safety.
- Side cylinders ensure wide field of view operation and
The stability of the car structure;
- The balance wheel of the spring adjustment structure is resistant to wear and has good stability;
- Sturdy imported door frame.



Product Appearance Display



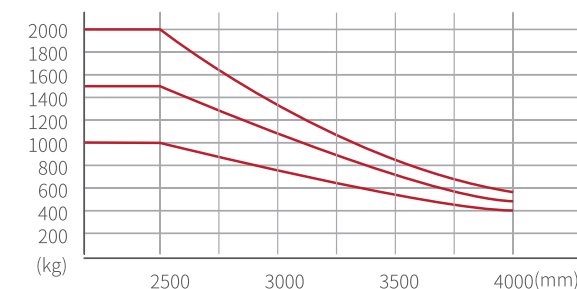
CDD Series - High Lifting Full Electric Pallet Stacker (CDD10/15/20)

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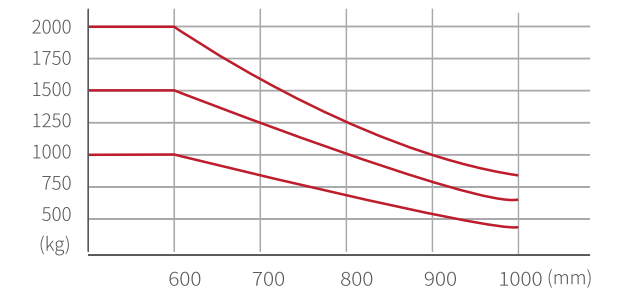
Technology
Parameter

Model	Unit	CDD10	CDD15	CDD20
Drive mode		Electric (battery)	Electric (battery)	Electric (battery)
Driving style		Standing	Standing	Standing
Rated load	Q(kg)	1000	1500	2000
Load center distance	C(mm)	500	500	500
Front suspension	X(mm)	960	960	960
Track	Y(mm)	1555	1555	1555
Self weight (with battery)	kg	700-1100	700-1100	700-1100
wheel		Polyurethane wheel	Polyurethane wheel	Polyurethane wheel
Wheel size, front wheel		Φ250x80	Φ250x80	Φ250x80
Wheel size, rear wheel		Φ80x70	Φ80x70	Φ80x70
Additional wheel (size)		Φ100x50	Φ100x50	Φ100x50
Number of wheels (x: driving wheels)		1x+2/4	1x+2/4	1x+2/4
Front wheel track	b10(mm)	886	886	886
Rear wheel track	b11(mm)	525	525	525
Height of gantry work	h14(mm)	5090/5590/6090	5090/5590/6090	5090/5590/6090
Lifting height	h15(mm)	4500/5000/5500	4500/5000/5500	4500/5000/5500
Reduced height	h13(mm)	90	90	90
Overall length	/1(mm)	2140	2140	2140
Height when the gantry is retracted	/2(mm)	2090/2257/2424	2090/2257/2424	2090/2257/2424
Body width	b1(mm)	1025	1025	1025
Fork size	S/e/l(mm)	60/170/1100	60/170/1100	60/170/1100
Outer fork width	b5(mm)	690	690	690
Wheelbase center ground clearance	m2(mm)	40	40	40
Channel width (1000x1200mm tray)	Ast(mm)	2464	2464	2464
Channel width (800x1200mm tray)	Ast(mm)	2401	2401	2401
Turning radius	Wa(mm)	1600	1600	1600
Driving speed, full load / no load	KM/h	4/5.6	4/5.6	4/5.6
Increase speed, full load / no load	m/s	0.08/0.1	0.08/0.1	0.08/0.1
Falling speed, full load / no load	m/s	0.12/0.09	0.12/0.09	0.12/0.09
Climbing ability, full load / unload	%	6/10	6/10	6/10
Service brake		Electromagnetic brake	Electromagnetic brake	Electromagnetic brake
Drive motor power	KW	1.5	1.5	1.5
Increase motor power	KW	2.2	2.2	2.2
Battery 24V	AH	120/130	120/130	120/130/210/240
Battery weight	kg	268	268	268
Battery size (length x width x height)	mm	650*260*480	650*260*480	650*260*480
Noise level according to DIN12053	dB(A)	<70	<70	<70

Lifting height - load curve

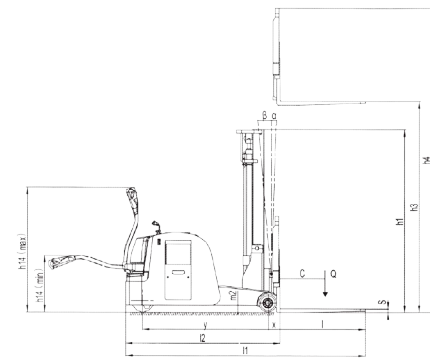
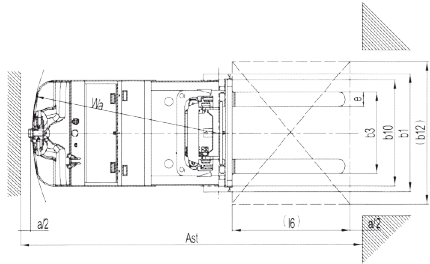


Load center - load curve



Application Technology Characteristics

- Imported handle assembly, stable and flexible operation;
- Imported door frame channel steel, safe and beautiful, sturdy and durable;
- The fork can be equipped with forward tilt and backward tilt;
- Rear weight, no fixed forks in front;
- The fork can enter the bottom of the cargo with a small ground clearance; it is convenient to enter any yard to stack the cargo.
- Compact structure, high performance, regenerative braking and easy maintenance;
- The large-capacity battery pack ensures long-lasting power and convenient charging. The battery is pulled out from the side, which is beneficial to the exchange and maintenance of the battery;
- Optional distribution steering



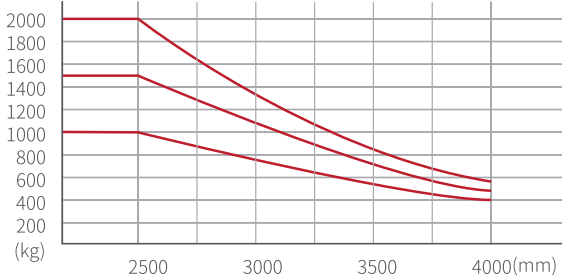
Product Appearance Display



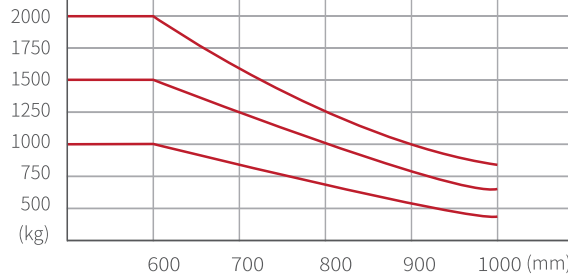
Technology Parameter

Model	Unit	CPD-S10	CPD-S15
Drive mode		Electric (battery)	Electric (battery)
Driving style		Standing	Standing
Rated load	Q(kg)	1000	1500
Load center distance	c(mm)	500	500
Track	Y(mm)	1680	1680
Self weight (with battery)	kg	1500-1700	1750-1880
wheel		Polyurethane wheel	Polyurethane wheel
Wheel size, front wheel	mm	Φ250×80	Φ250×80
Wheel size, rear wheel	mm	Φ200X80	Φ200X80
Number of wheels (x: driving wheels)		1x/2	1x/2
Rear wheel track	b11(mm)	780	780
Lifting height	h3(mm)	1600/2000/2500/3000/3500/4500/5000/5500	1600/2000/2500/3000/3500/4500/5000/5500
Height when the gantry is lowered	h1(mm)	2090/1590/1840/2090/2340/2090/2257/2424	2090/1590/1840/2090/2340/2090/2257/2424
Maximum height of the vehicle during operation	h4(mm)	2090/2590/3090/3590/4090/5090/5590/6090	2090/2590/3090/3590/4090/5090/5590/6090
Reduced height	h13(mm)	35	35
Overall length	l1(mm)	3100	3100
Body width	b1(mm)	1000	1000
Fork size	S/e/l(mm)	120/35/1070	120/35/1070
Outer fork width	b5(mm)	200~660	200~660
Minimum ground clearance	m2(mm)	50~110	50~110
Channel width (1000x1200mm tray)	Ast(mm)	3300	3300
Channel width (800x1200mm tray)	Ast(mm)	3280	3280
Turning radius	Wa(mm)	1600	1600
Driving speed, full load / no load	Km/h	4.5/5.2	4.5/5.2
Increase speed, full load / no load	m/s	0.085/0.11	0.085/0.11
Falling speed, full load / no load	m/s	0.12/0.08 (Adjustable)	0.12/0.08 (Adjustable)
Climbing ability, loading/unloading	%	5/8	5/8
Service brake		Regenerative braking	Regenerative braking
Drive motor power	kW	1.5	1.5
Increase motor power	kW	2.2	2.2
Battery 24V	AH	130/210/240	130/210/240
Battery weight	Kg	200	200
Steering mode		Mechanical steering	Mechanical steering
Noise level according to DIN12053		≤70	≤70

Lifting height - load curve

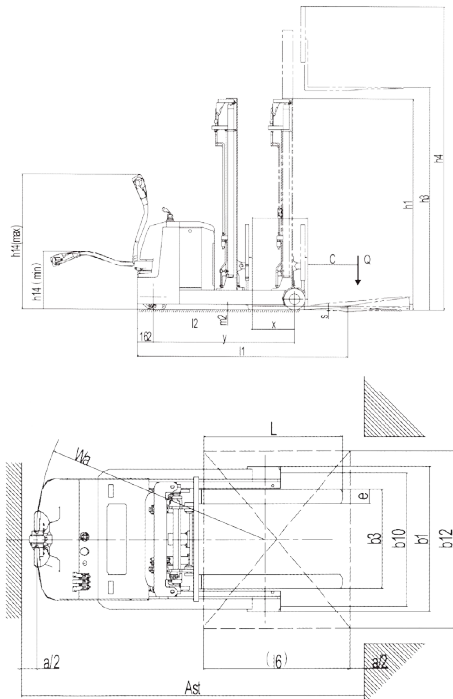


Load center - load curve



Application Technology Characteristics

- The car uses two lifting cylinders, and the lifting cylinder and chain are placed on both sides of the door frame, which improves the lateral stability of the cargo when lifting, and widens the operator's field of vision;
- The gantry column material is imported high-lift special steel;
- The vehicle has a compact structure, low center of gravity and good steering stability;
- The fork has a front-rear function, which is conducive to loading and unloading and stacking of goods;
- Large capacity battery to ensure strong and lasting power;
- The vehicle brake is reliable, combining electromagnetic braking with regenerative braking, which greatly extends the service life of the friction plate;
- Reliable multi-way valve hydraulic control system with lifting, front-rear and front-rear functions;
- A rubber cushion is arranged behind the door frame to prevent the impact when the door frame moves backwards and reduce noise;
- There is no baffle on both sides of the battery, which is beneficial to the heat dissipation of the battery, and the lifting is convenient and safe;
- The vehicle is low in noise.



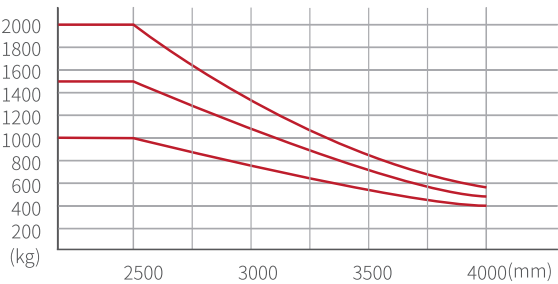
Product Appearance Display



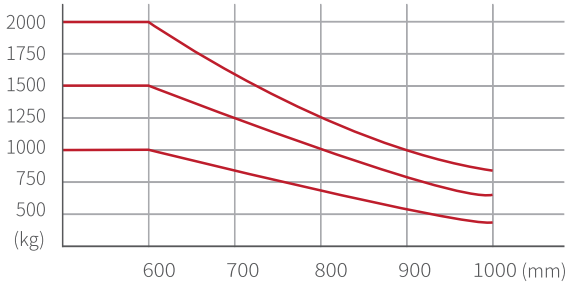
Technology Parameter

Model	Unit	CQD10/15	CQD10/15
Drive mode		Electric (battery)	Electric (battery)
Driving style		Standing	Standing
Rated load	Q(kg)	1000/1500	1000/1500
Load center distance	c(mm)	500	500
Forward distance	l3(mm)	500	500
Track	Y(mm)	1280	1280
Self weight (with battery)	kg	1800-2400	1800-2400
wheel		Polyurethane wheel	Polyurethane wheel
Wheel size, front wheel	mm	Φ250×80	Φ250×80
Wheel size, rear wheel	mm	Φ210X85	Φ210X85
Number of wheels (x: driving wheels)		1x/2	1x/2
Rear wheel track	b11(mm)	895	895
Lifting height	h3(mm)	1600/2000/2500/3000/3500/4500/5000/5500	1600/2000/2500/3000/3500/4500/5000/5500
Height when the gantry is lowered	h1(mm)	2090/1590/1840/2090/2340/2090/2257/2424	2090/1590/1840/2090/2340/2090/2257/2424
Maximum height of the vehicle during operation	h4(mm)	2090/2590/3090/3590/4090/5090/5590/6090	2090/2590/3090/3590/4090/5090/5590/6090
Reduced height	h13(mm)	50	50
Overall length	l1(mm)	2530	2530
Body width	b1(mm)	1000	1000
Fork size	S/e/l(mm)	100/35/1070	100/35/1070
Outer fork width	b5(mm)	200~680	200~680
Minimum ground clearance	m2(mm)	50~110	50~110
Channel width (1000x1200mm tray)	Ast(mm)	2600	2600
Channel width (800x1200mm tray)	Ast(mm)	2580	2580
Turning radius	Wa(mm)	1600	1600
Driving speed, full load / no load	Km/h	4.5/5.2	4.5/5.2
Increase speed, full load / no load	m/s	0.085/0.11	0.085/0.11
Falling speed, full load / no load	m/s	0.12/0.08 (Adjustable)	0.12/0.08 (Adjustable)
Climbing ability, loading/unloading	%	5/8	5/8
Service brake		Regenerative braking	Regenerative braking
Drive motor power	kW	1.5(AC)	1.5(AC)
Increase motor power	kW	2.2	2.2
Battery 24V	AH	130/210/240	130/210/240
Battery weight	Kg	210	210
Steering mode		Mechanical steering	Mechanical steering
Noise level according to DIN12053	dB(A)	≤70	≤70

Lifting height - load curve

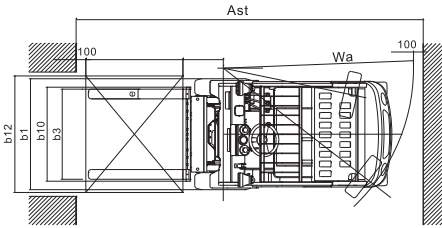
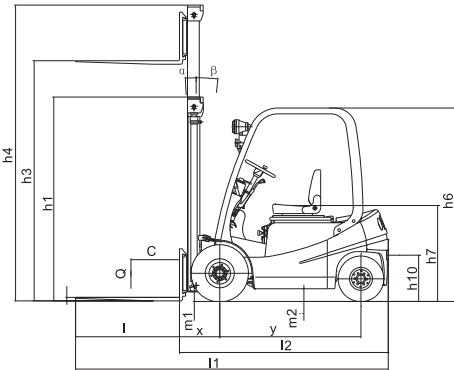


Load center - load curve



Application Technology Characteristics

- The car has stable quality, small turning radius and good passability;
- Shock-absorbing steering axle;
- All covers are iron plated for durability;
- Optional full free upgrade, plus the addition of different attachments, including pitch forks, etc;
- The car adopts a combined lighting system, which has the temperament of a high-end model and is compact and compact;
- The car uses electric brakes as brakes for easy operation and safety



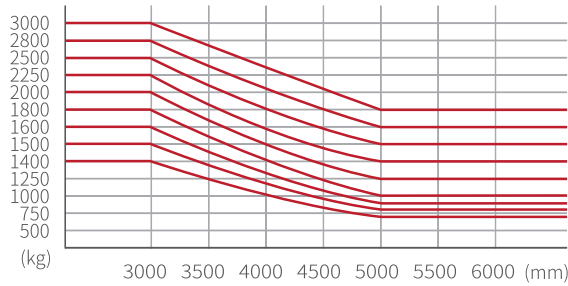
Product Appearance Display



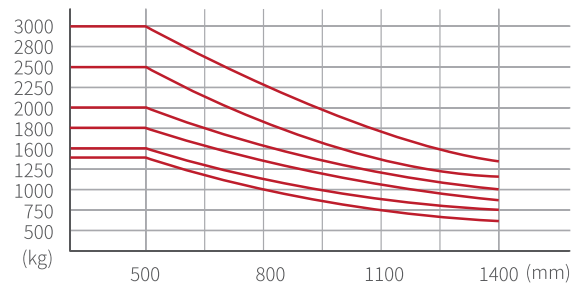
Technology Parameter

Model	Unit	CPD10	CPD15	CPD20	CPD30
Power type		Battery	Battery	Battery	Battery
Rated lifting capacity	KG	1000	1500	2000	3000
Load center distance	mm	500	500	500	500
Driving style		Driver type	Driver type	Driver type	Driver type
Total length of fork	L1mm	2600	3040	3290	3780
Total length of forkless fork	L2mm	1600	1970	2380	2730
Full width	Bmm	1000	1100	1160	1290
Minimum gantry standstill height	H1mm	2000	2100	2100	2100
Roof guard height	H2mm	1950	2030	2150	2180
Maximum height during operation	H3mm	3800	3830	3830	3830
Seat surface to overhead frame distance	L3mm	970	930	1020	1030
Wheelbase	L4mm	1100	1255	1580	1880
Front suspension	Ymm	345	400	425	530
Backscatter	L5mm	260	325	375	375
Front track	Rmm	870	1000	1000	1000
Rear track	Pmm	800	940	960	990
Minimum ground clearance	Fmm	90	100	120	90
Maximum lifting height	Hmm	3000	3000	3000	3000
Fork adjustment range	Smm	700/200	1000/200	1000/240	1000/240
Minimum turning radius (outer side)	WAm	1600	1700	2040	2340
Minimum right angle channel width	RAmm	3065	3370	3735	4140
Gantry tilt (front/rear)	(° a/βmm)	6°/12°	6°/12°	6°/12°	6°/12°
No load maximum lifting speed	mm/s	340	340	340	340
Full load maximum lifting speed	mm/s	280	280	280	280
No load maximum running speed	Km/h	13	13	13	13
Full load maximum running speed	Km/h	12	12	12	12
Full load maximum slope	%	≤15	≤15	≤15	≤15
No load weight	Kg	1800	2950	3110	3480
Number of wheels (x driving wheels)		2x/2	2x/2	2x/2	2x/2
Tire type (front/rear)		Solid tire	Pneumatic tire	Pneumatic tire	Pneumatic tire
Tire size (front)		18×6×12 1/8	6.50-10	6.50-10	28×9-15
Tire size (post)		15×5×11 1/4	5.00-8	5.00-8	18×7-8
Brake/driving brake		Hydraulic-pedal	Hydraulic-pedal	Hydraulic-pedal	Hydraulic-pedal
Parking brake		Mechanical-manual	Mechanical-manual	Mechanical-manual	Mechanical-manual
Battery voltage / capacity	V/Ah	4x12V/180	8×6V/240	8×6V/240	40×2V/ 300
Drive motor power	Kw	3.7	5	10	12.5
Oil pump motor power	Kw	3	5	12	20

Lifting height - load curve

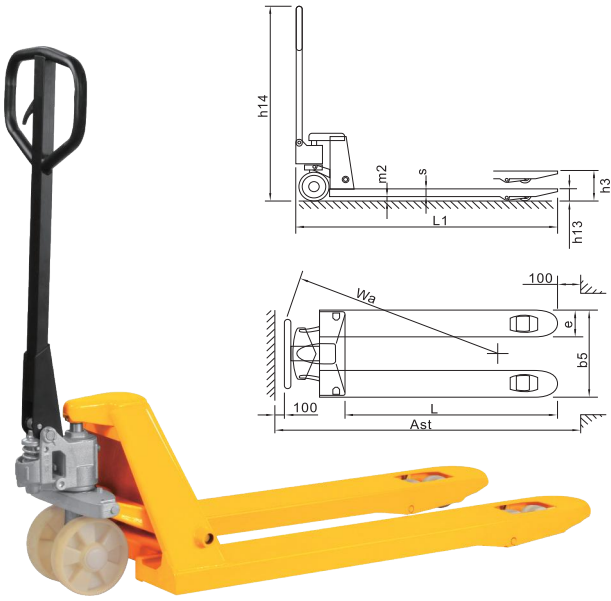


Load center - load curve



Application Technology Characteristics

- The pallet truck is economical in design;
- Standard epoxy resin powder coating, anti-fragmentation, anti-corrosion;
- Extremely strong lightweight steel structure, the body weight is only 70kg;
- Solder joints and reinforced fork tips for durability;
- Three-stage handle - lifting, lowering, neutral;
- High quality 190 degree corner setting;
- The number of strokes of the oil pump is up to 12 times, and the height of each stroke is up to 11 mm;
- Reliable oil leakage hydraulic system;
- Optional: 1) nylon wheel, polyurethane wheel, rubber wheel, single or double wheel;
2) The length of the fork is 1150mm, 1220mm.

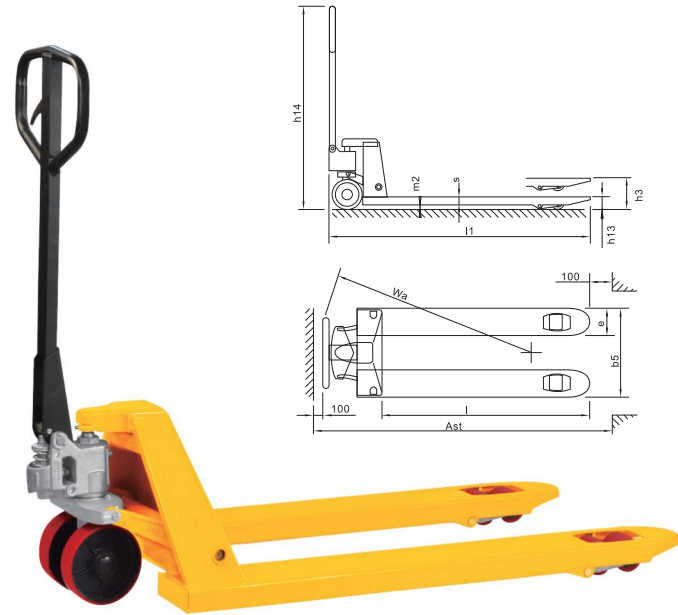


Technology Parameter

Remarks: Special specifications can be made according to customer requirements		
Model	BD	WF
Rated load	2000 / 3000kg	5000kg
Self weight	70kg	125kg
Front wheel size	Φ160mm	Φ200/Φ180mm
Rear wheel size	Φ70mm	Φ85/Φ75mm
Lifting height	190mm	205/190mm
Minimum/maximum height of the handle at the drive position	1160mm	1253/1243mm
Reduced height	75mm	88/77mm
Overall length	1520/1590mm	1544/1614mm
Fork size	53/150/1150(1220)mm	53/150/1150(1220)mm
Outer fork width	520/550/685mm	520/550/685mm
Wheelbase center ground clearance	22mm	22mm
Channel width (1000x1200mm tray)	1720/1790mm	1720/1790mm
Channel width (800x1200mm tray)	1770/1790mm	1770/1790mm
Turning radius	1265/1335mm	1265/1335mm

Application Technology Characteristics

- High reliability and long life of 5 years;
- Compact free lifting ensures safe loading;
- The hoisting system is equipped with an overload protection valve to ensure the safety of operation;
- The structural design utilized ensures the convenience of vehicle disassembly (novel structural design, easy to disassemble);
- Light fork frame with high hardness steel plate;
- The compact shape, the first split rocker arm, makes the whole vehicle evenly stressed;
- There is a finger hole between the handle and the pump for easy installation;



It can be used as an ideal material conveying platform on the assembly line; it is made of high-strength materials and is durable; the pedal-type hydraulic lifting can raise the table top to any desired height.



MODEL:SDP150/300/500



MODEL:SDPS150/350

Technology Parameter

Model	Unit	SDP150	SDP300	SDP500
Rated load	kg	150	300	500
maximum height	h12(mm)	740	900	900
Minimum height	h13(mm)	225	280	310
Lifting height	h3(mm)	515	620	590
Table size	1xb5xs(mm)	700x450x35	815x500x50	1600x800x50
Handle height from the ground	h14(mm)	935	996	970
Full length of the body	l1(mm)	770	942	1670
Number of pedals for lifting heavy objects		≤25	≤32/≤45	≤55
Wheel diameter	d(mm)	100	127	127
Self weight	kg	42	85	136
Single package size	mm	820x480x265	960x530x420	1700x810x330

Technology Parameter

Model	Unit	SDPS150	SDPS350
Rated load	kg	150	350
maximum height	h12(mm)	1100	1300
Minimum height	h13(mm)	302	350
Lifting height	h3(mm)	798	950
Table size	1xb5xs(mm)	700x450x35	910x500x50
Handle height from the ground	h14(mm)	921	970
Full length of the body	l1(mm)	773	980
Number of pedals for lifting heavy objects		≤30	≤60
Wheel diameter	d(mm)	100	127
Self weight	kg	64	105
Single package size	mm	800x480x330	1010x530x390



The GRACE electric walkie pallet truck EPT20 combines ergonomic features and reliable performance with energy efficient technology. Low maintenance delivers increased productivity and reduced operational costs.

- Small turning radius 57.2" (1454 mm)
- Performs well on gradients
- Long handle helps reduce steering effort
- Turning radius is reduced when operating with the tiller in the upright position
- Pallet entry rollers help forks glide in and out of pallets
- Variable speed control
- Built in charger
- Low speed switch in the handle
- Floating balance wheel automatically adjusts height and

■ Product Features

● Fork integral forging

The fork is integrally stamped, without welding, and is sturdy and durable.

● Polyurethane wear-resistant wheels

Adopting polyurethane double load-bearing wheels, high strength Wear resistance, suitable for use in different environmental sites.

● Intelligent LCD display

LCD display instrument with intelligent protection. When the battery level is below 20%, the driving speed slows down to avoid excessive discharge.

● Permanent magnet brushless motor

High power permanent magnet brushless motor, climbing Strong and maintenance free.

● Thickened steel plate protection

The entire vehicle is protected by metal covers, with a personalized and simple appearance.

● Intelligent operating handle

Multifunctional intelligent operating handle, convenient for one hand operation, emergency reverse switch, safe

● Drive wheel protective

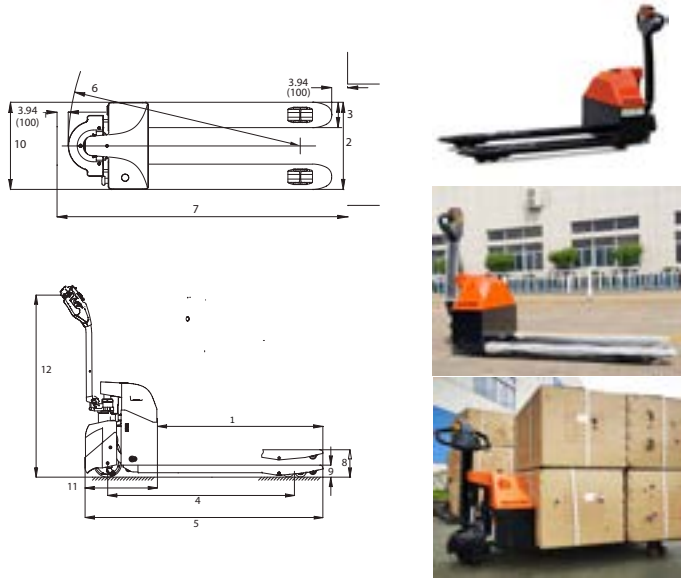
Increase the protective cover of the drive wheel to ensure operation Personnel safety, avoiding external forces on driving components Impact, beautiful and elegant.

● Emergency safety guarantee

Emergency stop switch, emergency braking, refusal of safety Hidden danger, the emergency reverse button on the handle head can effectively prevent operators from being injured when encountering an emergency situation when driving backwards.

■ Electric Pallet Truck Specification

Parameter	Unit	Date
Operation Form		Walking Type
Load Capacity	Kg	2000
Load Center Distance	mm	600
Wheel base	mm	1260
Lifting	mm	195
Lowered Height	mm	80
Length	mm	1690
Over Width	mm	685
S/E/L Fork Size	mm	50*150*1210
Fork Outer Width	mm	550/685
Min. Lowered Fork Height	mm	30
Aisle Width For Pallet	mm	1900
Aisle Width For Pallet	mm	1955
Turning Radius	mm	1470
Service Weiacht(with Battery)	Kg	220
Tyre Type	mm	polyurethane/pu
Tire Size-driving Wheel	mm	210×70
Tire Size-front Wheel	mm	80×60
Travel Speed Laden/ Unladen	mm/s	4/5.5
Speed Laden/ Unladen	mm/s	27/40
Decline Speed Laden/ Unladen	%	42/38
Max. Gradeability Laden/ Unladen	Kw	6/20
Battery Voltage/ Capacity	V/Ah	48/32



EPT15 brings maximum flexibility in configurations for every application, from occasional usage to heavy duty. Featuring a two power slot design, EPT15 offers the option of two 24V/20Ah batteries to maximize uptime for full-time applications. The standard single-battery setting comes with a portable storage container to keep everything easily accessible on the go. Its versatility makes EPT15 an all-rounder, perfect for diverse tasks in the most

- Small turning radius 57.2" (1454 mm)
- Performs well on gradients
- Long handle helps reduce steering effort
- Turning radius is reduced when operating with the tiller in the upright position
- Pallet entry rollers help forks glide in and out of pallets
- Variable speed control
- Built in charger
- Low speed switch in the handle
- Floating balance wheel automatically adjusts height and

■ Product Features

● Save money

Compared to brushless motors, brushless motors do not exist Maintenance issues caused by carbon brush wear, no need to replace, can save 100 USD per year

● More effortless

Replacing a wheel or controller only takes 5 minutes, making the maintenance technician's job easier.

● More time saving

The battery can be replaced in 6 seconds, and can be used as needed without wasting time.

● Lighter weight

The mini body is smaller and has a smaller turning radius, making it suitable for narrow lane operations.

● Durable

Durable material, high-precision frame, 4mm Thick steel plate integrated fork for longer service life More durable.

● Multifunctional intelligent handle

When turned on, the speed can be switched back and forth through the multifunctional handle.

● Emergency switch

Red emergency button design, easy to press Immediately cut off the power and stop the entire vehicle to ensure the safety of the operators themselves and others.

● Protective cover design

The design of the protective cover for the moving wheel effectively avoids potential foot pressure hazards for operators, with a user-friendly design Safe and worry free.

■ Electric Pallet Truck Specification

Parameter	Unit	Date
Operation Form		Walking Type
Load Capacity	Kg	1500
Load Center Distance	mm	600
Wheel base	mm	1260
Lifting	mm	195
Lowered Height	mm	80
Length	mm	1690
Over Width	mm	685
S/E/L Fork Size	mm	50*150*1210
Fork Outer Width	mm	550/685
Min. Lowered Fork Height	mm	30
Aisle Width For Pallet	mm	1900
Aisle Width For Pallet	mm	1955
Turning Radius	mm	1470
Service Weiacht(with Battery)	Kg	117
Tyre Type	mm	polyurethane/pu
Tire Size-driving Wheel	mm	210×70
Tire Size-front Wheel	mm	80×60
Travel Speed Laden/ Unladen	mm/s	4/5.5
Speed Laden/ Unladen	mm/s	27/40
Decline Speed Laden/ Unladen	%	42/38
Max. Gradeability Laden/ Unladen	Kw	6/20
Battery Voltage/ Capacity	V/Ah	24/24

