

HUAYA

Xingtai Huaya Machine Tool Manufacturing Co., Ltd

Add: No. 37, Xingjiawan Industrial Zone, Xingtai City, Hebei, China

Email: info@huaya.cn

Web: www.huayaba.com

邢台市华亚机床制造有限公司

地址：河北省邢台市邢湾工业区37号

邮箱：info@huaya.cn

网址：www.huayaba.com

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HUAYA
华亚重工

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About us

关于我们

Xingtai Huaya Machine Tool Manufacturing Co., LTD is a heavy equipment manufacturing enterprise. Since the first machine was manufactured in 1996, through continuous efforts and innovation, it has grown into an enterprise with five subsidiaries. The company covers an area of 200,000 square meters and have more than 600 employees. At present, it is a large scale, complete industrial chain, comprehensive strength and good economic benefits of engineering equipment R&D, manufacturing and export base. The persistent pursuit of reliable quality is the consistent philosophy of Huaya, also the key to the development and growth of Huaya.

Excellence is the bridge to the world. As the source of lean production, Huaya is committed to quality improvement and continuously meets the needs of customers. From point to surface, from detail to whole, from production to management. Huaya carries the value mission of the future and committed to contributing to world-class brands.

HUAYA has a first-class R & D team, a first-class manufacturing team and a first-class after-sales service team. It passed ISO9001 international quality management system certification, and passed CE, EAC, TUV, EPA4 engine,EURO3 engine, EURO5 engine certificates to meet customer requirements, The products of HUAYA are always in sync with the advanced level of the world and shaping a new image of HUAYA.

We firmly believe that the best service is to provide the most suitable products and solutions after fully understanding you.

邢台华亚机床制造有限公司是一家重型装备制造企业。自1996年制造第一台机器以来，经过不断的努力和创新，现已发展成为拥有5家子公司的企业。公司占地面积20万平方米，员工600余人。目前是规模大、产业链完整、综合实力和经济效益好的工程装备研发、制造和出口基地。对可靠品质的执着追求是华亚一贯的理念，也是华亚得以发展壮大关键。

卓越是通向世界的桥梁。华亚作为精益生产之源，致力于品质提升，不断满足客户需求。从点到面，从细节到整体，从生产到管理。华亚承载着面向未来的价值使命，致力于为世界一流品牌做贡献。

华亚拥有一流的研发团队、一流的制造团队和一流的售后服务团队。通过了ISO9001国际质量管理体系认证，并通过了CE、EAC、TUV、EPA4发动机、EURO3发动机、EURO5发动机证书以满足客户要求，华亚产品始终与世界先进水平同步，塑造全新华亚形象。

我们坚信，最好的服务是在充分了解您后提供最合适的产品和解决方案。

HUAYA CARRY THE FUTURE
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After-sales service



The Warranty period is either 1 year or 1200 working hours upon receipt whichever comes first.



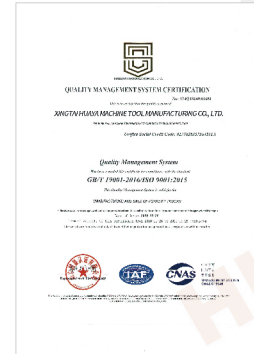
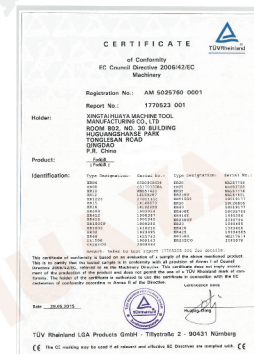
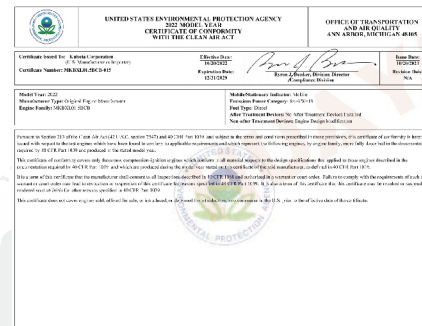
English-speaking service team is standby to answer any questions you meet while machine is in use.



We guarantee that all your questions will be answered within 12 hours.



Parts in need will be delivered either by air or sea upon request.



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CPD12-20(3-Wheel Forklift)

Battery type: lithium battery/lead-acid battery

Forklifts are special safety equipment, and each component of the vehicle is a safety component. The safety valve in the oil cylinder will ensure the safe use of the vehicle.



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Features



Thickened fork

Special steel, strong load-bearing capacity, no deformation, real materials.



Standard solid tires

All tires are standard solid tires which is conducive to improving work efficiency and avoiding tire blowouts and loss of control.



Steering wheel/parking brake/brake pedal

1. Adjustable driving angle steering wheel.
2. Parking electromagnetic brake can realize automatic parking function on slopes.
3. AI braking assists driving and reduces fatigue.



Multi-piece composite chain

The transmission is smoother and the carrying capacity is more better than ordinary chains.



High-end driving seat

The new adjustable seats make long-term operation more comfortable and the safety of the driver is guaranteed with seat belts.

Adjustable
150mm range
front to back



Specificities

The rear wheel serves as a pivot point and can rotate in place, suitable for operating in narrow spaces, with a small turning radius and high flexibility of the vehicle body.

The publicized pictures, specification and parameter is offered to refer, please see according to the actual goods.

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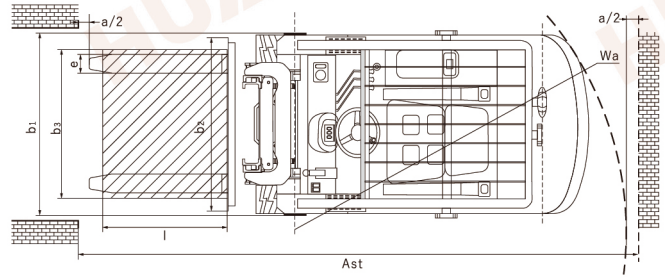
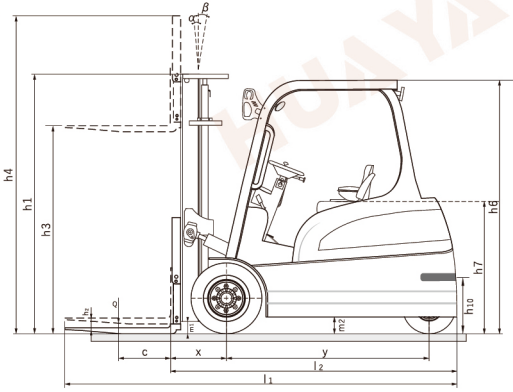


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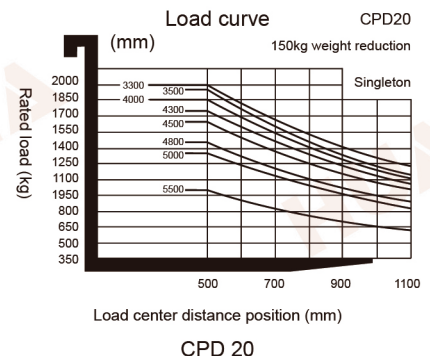
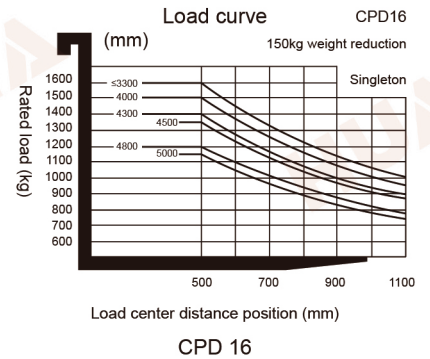
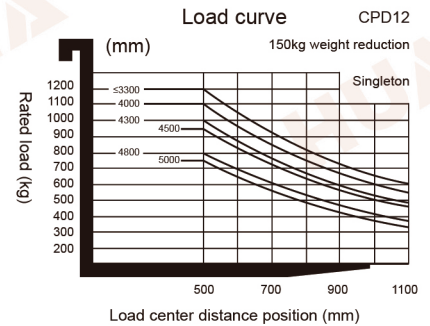
Forklift 2D Graph



Product Parameters

Model			CPD12	CPD16	CPD20	
Power			Electric			optional
Operation type			Seated			/
Rated capacity	Q	kg	1200	1600	2000	/
Load center	C	mm	500	500	500	/
Front overhang	X	mm	340	340	340	/
Wheelbase	Y	mm	1440	1540	1606	/
Weight						
Vehicle weight(including battery/unladen)		kg	1900	2500	2900	/
Tires						
Drive wheel size (diameter x width)		mm	500-8	18×7-10	18×7-10	optional
Steering wheel size (diameter x width)		mm	15×4.5-8	15×4.5-8	15×4.5-8	optional
Number of wheels(X=driving wheels)		mm	2×2/2	2×2/2	2×2/2	/
Drive wheel tread	b10	mm	950	950	960	/
Steering wheel tread	b11	mm	180	180	180	/
Dimension						
Front and rear inclination angle of mast and fork	α/β(°)		5/9	5/9	5/9	optional
Mast lowered height	h1	mm	2150	2150	2140	optional
Max. lifting height	h3	mm	3000	3000	3000	optional
Mast extended height	h4	mm	3960	3960	3960	optional
Roof guard (cabin) height	h6	mm	2120	2120	2120	optional
Seat surface height	h7	mm	1050	1080	1100	/
Traction pin center height	h10	mm	550	550	650	/
Vehicle length	l1	mm	3060	3170	3270	/
Length to the vertical plane of the fork	l2	mm	1950	2060	2160	/
Overall width	b1/b2	mm	1100	1100	1100	/
Fork size	s/e/l	mm	32×100×1070	35×100×1070	40×100×1070	optional
Fork frame outer width	b3	mm	1040	1040	1040	/
Min. ground clearance(mast)	m1	mm	110	110	110	/
Min body ground clearance	m2	mm	100	100	80	/
Pallets are 1200 wide x 1000 long aisle width	Ast	mm	3250	3360	3460	/
Pallets are 800 wide x 1200 long aisle width	Ast	mm	3450	3560	3660	/
Turning radius	Wa	mm	1590	1690	1793	/
Performance						
Traveling speed (full/unladen)		km/ h	9/11	9/11	9/11	optional
Lifting speed (full/unladen)		m/ s	0.24/0.3	0.24/0.3	0.24/0.3	/
Descending speed (full/unladen)		m/ s	0.39/0.34	0.39/0.34	0.39/0.34	/
Max gradeability (full/unladen)		%	15	15	15	/
Traveling brake type			Hydraulic+Mechanical			optional
Parking brake type			Mechanical			optional
Motor, Power source						
Drive motor rated power S2 60 minutes		kw	4	5	5.5	optional
Lifting motor rated power S3 15%		kw	4	5	5.5	optional
Battery voltage/theoretical capacity K5		Ah	48V300Ah	48V300Ah	48V350Ah	optional
Drive control type			Alternating current			/

Capacity Chart



Remarks: The above parameters are based on a two-section mast with a lifting height of 3 meters.

CPD12-20(Short Wheelbase Forklift)

Battery type: lithium battery/lead-acid battery

Forklifts are special safety equipment, and each component of the vehicle is a safety component. The safety valve in the oil cylinder will ensure the safe use of the vehicle.



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Features



Thickened fork

Special steel, strong load-bearing capacity, no deformation, real materials.



Standard solid tires

All tires are standard solid tires which is conducive to improving work efficiency and avoiding tire blowouts and loss of control.



Steering wheel/parking brake/brake pedal

1. Adjustable driving angle steering wheel.
2. Parking electromagnetic brake can realize automatic parking function on slopes.
3. AI braking assists driving and reduces fatigue.



Multi-piece composite chain

The transmission is smoother and the carrying capacity is more better than ordinary chains.



High-end driving seat

The new adjustable seats make long-term operation more comfortable and the safety of the driver is guaranteed with seat belts.

Adjustable
150mm range
front to back



Specificities

The advantages of short wheelbase forklifts include outstanding maneuverability, excellent passability, convenient operation experience and technically optimized stability. Suitable for material handling scenarios with compact space, narrow aisles and frequent steering.

The publicized pictures, specification and parameter is offered to refer, please see according to the actual goods.

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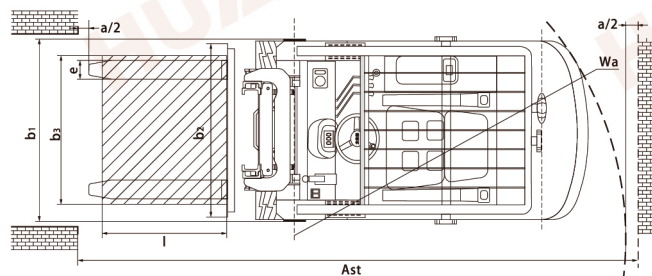
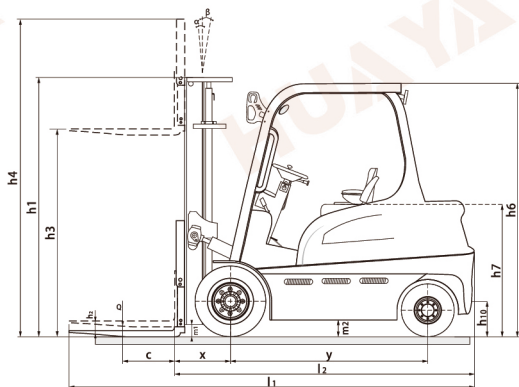
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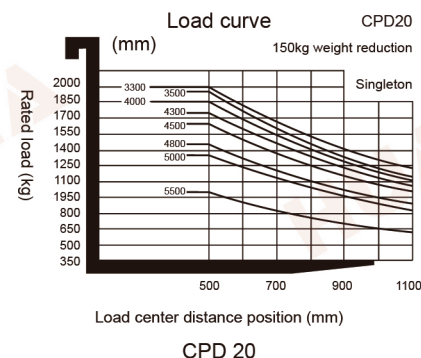
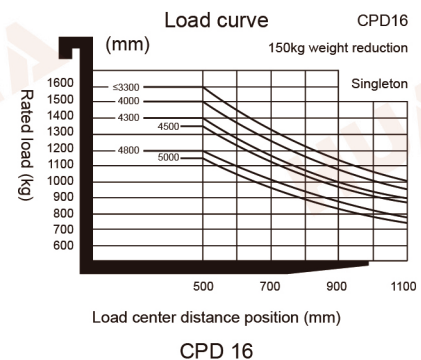
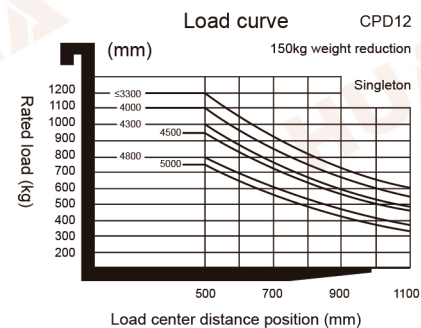
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Model			CPD12	CPD16	CPD20	
Power			Electric			optional
Operation type			Seated			/
Rated capacity	Q	kg	1200	1600	2000	/
Load center	C	mm	500	500	500	/
Front overhang	X	mm	340	340	340	/
Wheelbase	Y	mm	990	1170	1380	/
Weight						
Vehicle weight(including battery/unladen)		kg	2480	2600	3600	/
Tires						
Drive wheel size (diameter x width)		mm	500-8	18×7-10	18×7-10	optional
Steering wheel size (diameter x width)		mm	400-8	400-8	400-8	optional
Number of wheels(X=driving wheels)		mm	2×2/2	2×2/2	2×2/2	/
Drive wheel tread	b10	mm	950	960	960	/
Steering wheel tread	b11	mm	920	920	950	/
Dimension						
Front and rear inclination angle of mast and fork	α/β(°)		5/9	5/9	5/9	optional
Mast lowered height	h1	mm	2150	2150	2140	optional
Max. lifting height	h3	mm	3000	3000	3000	optional
Mast extended height	h4	mm	3960	3960	3960	optional
Roof guard (cabin) height	h6	mm	2120	2160	2160	optional
Seat surface height	h7	mm	1000	1000	1120	/
Traction pin center height	h10	mm	470	470	510	/
Vehicle length	l1	mm	2710	2890	3010	/
Length to the vertical plane of the fork	l2	mm	1600	1780	1900	/
Overall width	b1/b2	mm	1100	1100	1100	/
Fork size	s/e/l	mm	32×100×1070	35×100×1070	40×100×1070	optional
Fork frame outer width	b3	mm	1040	1040	1040	/
Min. ground clearance(mast)	m1	mm	110	110	110	/
Min body ground clearance	m2	mm	100	100	80	/
Pallets are 1200 wide x 1000 long aisle width	Ast	mm	2820	3000	3350	/
Pallets are 800 wide x 1200 long aisle width	Ast	mm	3020	3200	3550	/
Turning radius	Wa	mm	1460	1650	1760	/
Performance						
Traveling speed (full/unladen)		km/ h	7/8	7/8	7/8	optional
Lifting speed (full/unladen)		m/ s	0.24/0.3	0.24/0.3	0.24/0.3	/
Descending speed (full/unladen)		m/ s	0.39/0.34	0.39/0.34	0.39/0.34	/
Max gradeability (full/unladen)		%	15	15	15	/
Traveling brake type			Hydraulic+Mechanical			optional
Parking brake type			Mechanical			optional
Motor, Power source						
Drive motor rated power S2 60 minutes		kw	4	5	5.5	optional
Lifting motor rated power S3 15%		kw	4	5	5.5	optional
Battery voltage/theoretical capacity K5		Ah	48V300Ah	48V300Ah	48V350Ah	optional
Drive control type			Alternating current			/



Remarks: The above parameters are based on a two-section mast with a lifting height of 3 meters.

CPD12-35

Battery type: lithium battery/lead-acid battery

Forklifts are special safety equipment, and each component of the vehicle is a safety component. The safety valve in the oil cylinder will ensure the safe use of the vehicle.



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Features



Thickened fork

Special steel, strong load-bearing capacity, no deformation, real materials.



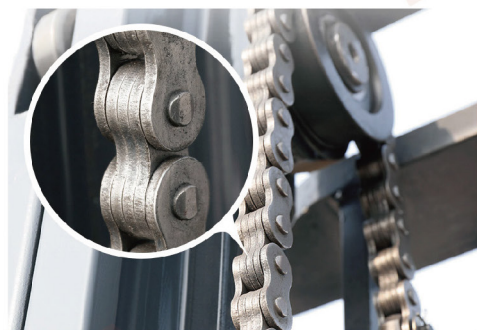
Standard solid tires

All tires are standard solid tires which is conducive to improving work efficiency and avoiding tire blowouts and loss of control.



Steering wheel/parking brake/brake pedal

1. Adjustable driving angle steering wheel.
2. Parking electromagnetic brake can realize automatic parking function on slopes.
3. AI braking assists driving and reduces fatigue.



Multi-piece composite chain

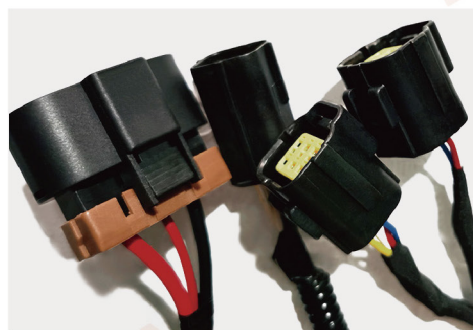
The transmission is smoother and the carrying capacity is more better than ordinary chains.



Adjustable
150 mm range
front to back

High-end driving seat

The new adjustable seats make long-term operation more comfortable and the safety of the driver is guaranteed with seat belts.



Specificities

Automotive grade waterproof wiring harness connector
Excellent sealing, waterproof, dustproof and anti-corrosion properties
It can be applied to various occasions.

The publicized pictures, specification and parameter is offered to refer, please see according to the actual goods.

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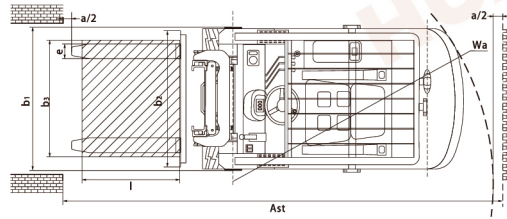
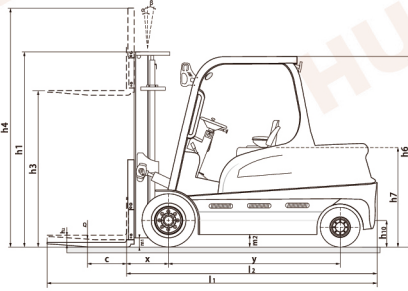


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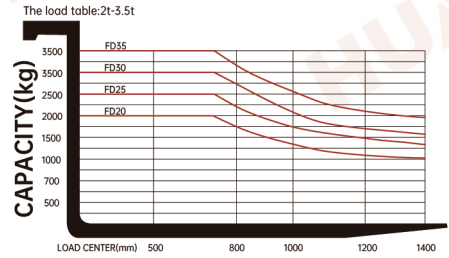


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Forklift 2D Graph



Capacity Chart



Product Parameters

Model			CPD12	CPD16	CPD20	CPD25	CPD30	CPD35	
Power			Electric						optional
Operation type			Seated						/
Rated capacity	Q	kg	1200	1600	2000	2500	3000	3500	/
Load center	C	mm	500	500	500	500	500	500	/
Front overhang	X	mm	290	340	340	390	480	480	/
Wheelbase	Y	mm	1400	1470	1610	1665	1740	1860	/
Weight									
Vehicle weight(including battery/unladen)		kg	1700	2350	2850	3400	4200	4800	/
Tires									
Drive wheel size (diameter x width)		mm	500-8	18×7-10	18×7-10	650-10	28×9-15	28×9-15	optional
Steering wheel size (diameter x width)		mm	400-8	16×6-8	16×6-8	18×7-8	650-10	650-10	optional
Number of wheels(X=driving wheels)		mm	2×2/2	2×2/2	2×2/2	2×2/2	2×2/2	2×2/2	/
Drive wheel tread	b10	mm	950	950	960	960	1000	1000	/
Steering wheel tread	b11	mm	920	920	950	950	960	960	/
Dimension									
Front and rear inclination angle of mast and fork	α/β(°)		5/9	6/10	6/10	6/10	6/10	6/10	optional
Mast lowered height	h1	mm	2130	2150	2140	2200	2210	2210	optional
Max. lifting height	h3	mm	3000	3000	3000	3000	3000	3000	optional
Mast extended height	h4	mm	4000	3960	3960	3982	4060	4060	optional
Roof guard (cabin) height	h6	mm	2120	2120	2120	2180	2210	2210	optional
Seat surface height	h7	mm	1030	1080	1120	1150	1200	1200	/
Traction pin center height	h10	mm	460	500	510	550	580	580	/
Vehicle length	l1	mm	3170	3305	3440	3595	3855	3975	/
Length to the vertical plane of the fork	l2	mm	2060	2200	2330	2485	2740	2860	/
Overall width	b1/b2	mm	1100	1100	1100	1120	1230	1230	/
Fork size	s/e/l	mm	32×100×1070	35×100×1070	40×100×1070	40×120×1070	45×122×1070	45×122×1070	optional
Fork frame outer width	b3	mm	1040	1040	1040	1040	1140	1140	/
Min. ground clearance(mast)	m1	mm	110	110	110	175	185	185	/
Min body ground clearance	m2	mm	100	100	80	120	150	150	/
Pallets are 1200 wide x 1000 long aisle width	Ast	mm	3280	3360	3800	3900	4100	4100	/
Pallets are 800 wide x 1200 long aisle width	Ast	mm	3480	3560	4000	4100	4300	4300	/
Turning radius	Wa	mm	1780	1985	2190	2320	2480	2580	/
Performance									
Traveling speed (full/unladen)		km/ h	10/12	10/12	10/12	11/12	12/13	12/13	optional
Lifting speed (full/unladen)		m/ s	0.24/0.3	0.24/0.3	0.24/0.3	0.26/0.32	0.30/0.35	0.30/0.35	/
Descending speed (full/unladen)		m/ s	0.34/0.30	0.35/0.32	0.36/0.32	0.38/0.36	0.38/0.36	0.38/0.36	/
Max gradeability (full/unladen)		%	15	15	15	15	15	15	/
Traveling brake type			Hydraulic+Mechanical						optional
Parking brake type			Mechanical						optional
Motor, Power source									
Drive motor rated power S2 60 minutes		kw	4	5	5.5	7.5	10	10	optional
Lifting motor rated power S3 15%		kw	4	5	5.5	8	12	12	optional
Battery voltage/theoretical capacity K5		Ah	48V300Ah	48V300Ah	48V350Ah	72V260Ah	80V300Ah	80V300Ah	optional
Drive control type			Alternating current						/

Remarks:The above parameters are based on a two-section mast with a lifting height of 3 meters.

CPD40-70

Battery type: lithium battery/lead-acid battery

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Features



Thickened fork

Special steel, strong load-bearing capacity, no deformation, real materials.



Standard solid tires

All tires are standard solid tires which is conducive to improving work efficiency and avoiding tire blowouts and loss of control.



Steering wheel/parking brake/brake pedal

1. Adjustable driving angle steering wheel.
2. Parking electromagnetic brake can realize automatic parking function on slopes.
3. AI braking assists driving and reduces fatigue.



Multi-piece composite chain

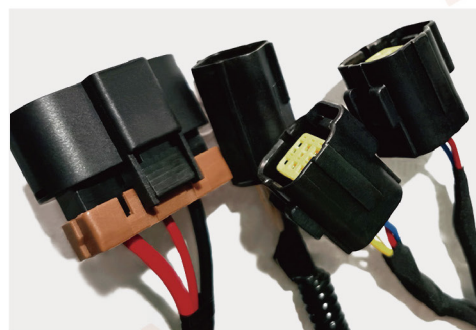
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Adjustable
150 mm range
front to back

High-end driving seat

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Specificities

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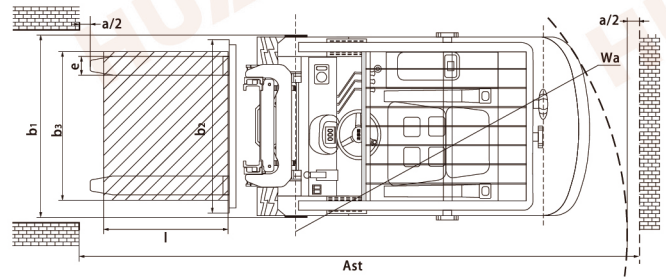
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Website



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Load center distance position (mm)

CPD 70

Remarks: The above parameters are based on a two-section mast with a lifting height of 3 meters.

CPD80-100

Battery type: lithium battery/lead-acid battery

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Features



Fork positioner & Side shifter

A hydraulic attachment that moves the tines (forks) together or apart. This removes the need for the operator to manually adjust the tines for different-sized loads.



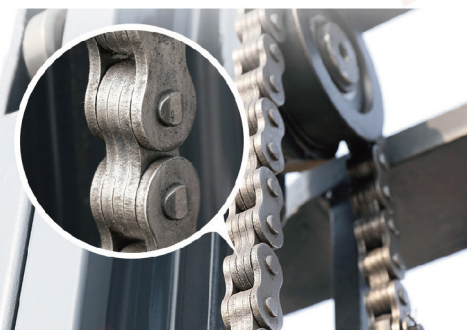
Standard solid tires

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Steering wheel/parking brake/brake pedal

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3. AI braking assists driving and reduces fatigue.



Multi-piece composite chain

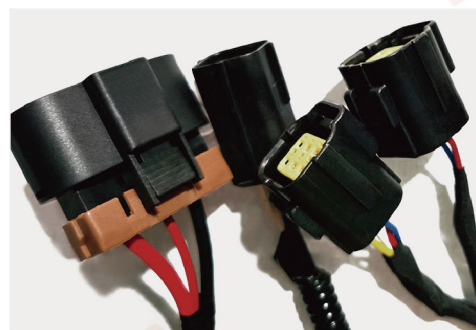
The transmission is smoother and the carrying capacity is more better than ordinary chains.



Adjustable
150mm range
front to back

High-end driving seat

The new adjustable seats make long-term operation more comfortable and the safety of the driver is guaranteed with seat belts.



Specificities

Automotive grade waterproof wiring harness connector
Excellent sealing, waterproof, dustproof and anti-corrosion properties
It can be applied to various occasions.

The publicized pictures, specification and parameter is offered to refer, please see according to the actual goods.

HEBEI HUAYA CO.,LTD.

Add: No. 403, Weilai Plaza, Xingtai City, Hebei Province, China

E-mail: info@huaya.cn

aftersales@huaya.cn

Website: www.huayaba.com

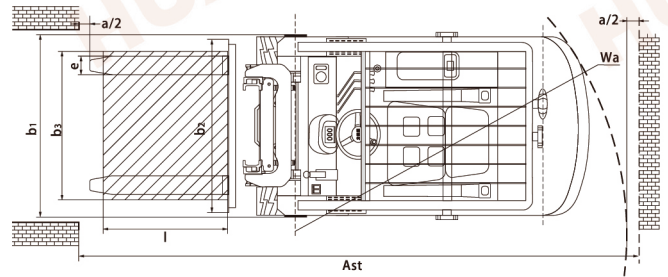
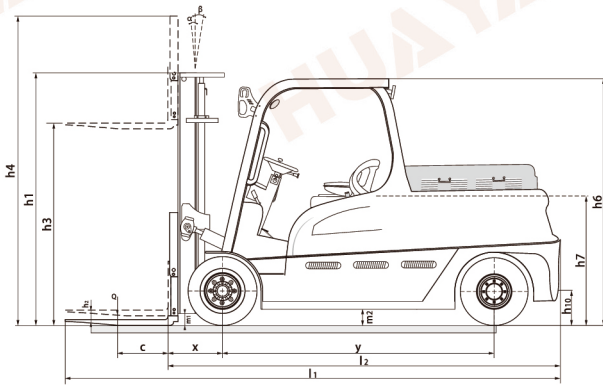


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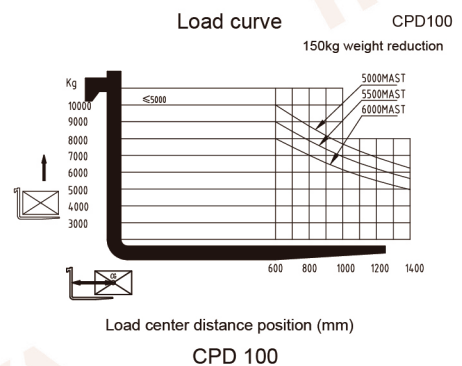
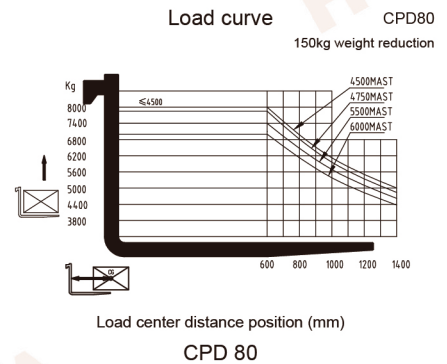
Forklift 2D Graph



Product Parameters

Model			CPD80	CPD100	
Power			Electric		optional
Operation type			Seated		/
Rated capacity	Q	kg	8000	10000	/
Load center	C	mm	600	600	/
Front overhang	X	mm	630	630	/
Wheelbase	Y	mm	2580	2780	/
Steering form			Hydraulics		/
Weight					
Vehicle weight(including battery/unladen)		kg	10800	13200	/
Tires					
Tyre(front)			825-15	900-20	optional
Tyre(rear)			250-15	900-16	optional
Dimension					
Front and rear inclination angle of mast and fork		$\alpha/\beta(^{\circ})$	6/9	6/9	optional
Lowered height	h1	mm	2850	2860	optional
Max. lifting height	h3	mm	3000	3000	optional
Mast extended height	h4	mm	4360	4500	optional
Roof guard (cabin) height	h6	mm	2450	2520	optional
Vehicle length	l1	mm	3760	3960	/
Overall width	b1/b2	mm	2000/1830	2200/1780	/
Fork Size	s/e/l	mm	85×175×1370	85×175×1370	optional
Fork width min/max		mm	420/2060	420/2060	/
Min body ground clearance	m2	mm	150	160	/
Turning radius	Wa	mm	3350	3550	/
Performance					
Traveling speed (full/unladen)		km/ h	13/15	13/15	optional
Lifting speed (full/unladen)		m/s	0.3/0.37	0.25/0.35	/
Max gradeability (full/unladen)		%	15	15	/
Traveling brake type			Hydraulic+Mechanical		optional
Motor, Power source					
Drive motor rated power		kW	30	35	optional
Lifting motor rated power		kW	21×2	25.4×2	optional
Charger input voltage		V	380	380	/
Battery capacity		AH	1100(max)	1240(max)	/
Rated voltage		V	80	80	optional

Capacity Chart



Remarks: The above parameters are based on a two-section mast with a lifting height of 3 meters.

Warehouse Equipments

Battery type: lithium battery/lead-acid battery

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Model	Unit	CDD10-20	
Driving type		Standing type	/
Rated capacity	kg	1000-2000	optional
Load center	mm	500	/
Mast material		C-shaped steel	/
Vehicle weight	kg	≈750	/
Tire			
Tires type		Polyurethane	/
Drive wheel size (diameter x width)	mm	250×80	/
Front wheel size (diameter x width)	mm	80×70	/
Balance wheel size (diameter x width)	mm	100×50	/
Number of wheels(X=driving wheels)		1/2/4	/
Basic size			
Lifting height	mm	1600-5000	optional
Vehicle height(when fork lowest)	mm	2060-2300	optional
Vehicle height(when fork highest)	mm	2060-5600	optional
Fork height above ground (lowest)	mm	90	/
Vehicle length (pedal unfolded/folded)		2550/2050	/
Vehicle width	mm	850	/
Fork length	mm	1100	/
Maximum adjustable outer width of fork	mm	550/680	optional
Turning radius	mm	1530	/
Performance			
Power unit		Electric	/
Traveling speed (full/unladen)	km/h	3.0/5.0	/
Lifting speed (full/unladen)	mm/s	90/125	/
Descending speed (full/unladen)	mm/s	100/80	/
Max gradeability (full/unladen)	%	5/8	/
Braking method		Electromagnetic brake	/
Drive			
Drive motor rated power	KW	1.5	/
Lifting motor rated power	KW	2.2	/
Battery voltage/capacity	V/A	24V/120Ah	optional
Speed regulation form		MOS stepless speed regulation system	/



Model	Unit	CPD10	
Driving type		Standing type	/
Rated capacity	kg	750-1000	optional
Load center	mm	500	/
Mast material		20MnSIV	/
Vehicle weight	kg	≈1100	/
Tire			
Tires type		Polyurethane	/
Drive wheel size (diameter x width)	mm	250×80	/
Front wheel size (diameter x width)	mm	210×80	/
Balance wheel size (diameter x width)	mm	100×50	/
Number of wheels(X=driving wheels)		1/2/2	/
Basic size			
Lifting height	mm	1600-5000	optional
Vehicle height(when fork lowest)	mm	2200-2300	optional
Vehicle height(when fork highest)	mm	2200-5500	optional
Fork height above ground (lowest)	mm	70	/
Vehicle length (pedal unfolded/folded)		2900/2400	/
Vehicle width	mm	1000	/
Fork length	mm	1000	/
Maximum adjustable outer width of fork	mm	680	optional
Turning radius	mm	1700	/
Performance			
Power unit		Electric	/
Traveling speed (full/unladen)	km/h	3.0/5.0	/
Lifting speed (full/unladen)	mm/s	90/125	/
Descending speed (full/unladen)	mm/s	100/80	/
Max gradeability (full/unladen)	%	5/8	/
Braking method		Electromagnetic brake	/
Drive			
Drive motor rated power	KW	1.5	/
Lifting motor rated power	KW	2.2	/
Battery voltage/capacity	V/A	24V/120Ah	optional
Speed regulation form		MOS stepless speed regulation system	/

Remarks: The above parameters are based on a two-section mast with a lifting height of 3 meters.

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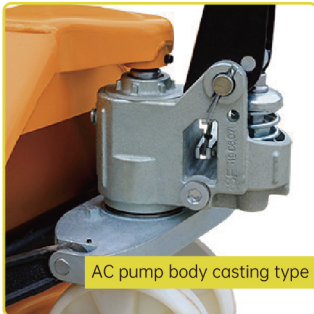
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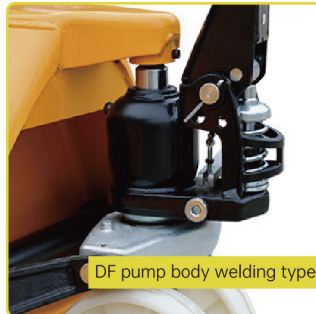
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Manual/Electric hydraulic forklift

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AC pump body casting type



DF pump body welding type

Model	Unit	CBD15-50Y	
Power unit		Manual	/
Rated capacity	kg	1500-5000	optional
Load center	mm	500	/
Fork lifting height	mm	120	/
Turning radius	mm	1280	/
Vehicle weight	kg	≈70	/
Dimension			
Fork length	mm	1100/1200	optional
Fork outer width	mm	550×685	optional
Fork inner width	mm	230×365	optional
Fork height above ground (lowest)	mm	55×85	optional
Configuration			
Steel thickness	mm	3/3.5/4	optional
Hydraulic pump type		AC pump/DF pump	optional
Applicable pallet		Single-sided pallet	/

Model	Unit	CBD-15-30H	
Power unit		Electric	/
Rated capacity	kg	1500-3000	optional
Load center	mm	600	/
Vehicle weight including battery	kg	222	/
Tire			
Wheel type		Polyurethane	/
Drive wheel	mm	210×70	/
Front wheel	mm	84×70	/
Basic size			
Vehicle length	mm	1776	optional
Vehicle width	mm	698	optional
Fork width	mm	1150	optional
Fork outer width	mm	550/685	optional
Fork inner width	mm	230/365	optional
Fork thickness	mm	75	/
Forks lowered to minimum height	mm	85	/
Performance			
lifting height	mm	215	/
Traveling speed (full/unladen)	km/h	3.5/4	/
Lifting speed (full/unladen)	mm/s	30/40	/
Max gradeability (full/unladen)	%	5/7	/
Minimum turning radius	mm	1593	optional
Drive			
Drive motor type		DC series motor	optional
Drive motor Rated power	kw	0.63	optional
Lifting motor type		DC series motor	optional
Lifting motor Rated power	kw	0.8	optional
Voltage	V	24	optional
Capacity	AH	85	optional

Remarks: The above parameters are based on a two-section mast with a lifting height of 3 meters.

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E-mail: info@huaya.cn aftersales@huaya.cn Website: www.huayaba.com



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Highly intelligent control system(NEW LARGE SCREEN LED INSTRUMENT(LED))

One-touch switching of three modes (economic, power, strong) adapts to operations in different occasions and working conditions.

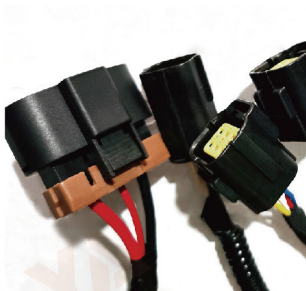
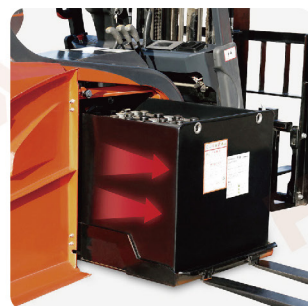
The new large-screen high-definition instrument has good visibility, intuitive reading, and friendly human-computer interaction.

The high-frequency MOSFE integrated controller ensures smooth and accurate walking and lifting control, excellent speed regulation performance, good motor and electronic control matching performance, and has functions such as regenerative braking, reverse braking, and ramp anti-slip, which is safe and reliable.

OPTIONAL SIDE-OUT BATTERY SOLUTION

New concept design, the battery can be quickly replaced without lifting the battery from the gap on the top of the roof guard frame.

Suitable for severe working conditions such as heavy load and continuous work.



Automotive grade waterproof wiring harness connector

Good sealing, waterproof, dustproof and corrosion resistance,
Can be used in various occasions.

Nighttime LED searchlight

When working at night, the searchlight makes it easier for operators to see the road ahead. AN overall performance is improved.



Battery/charger

Optional charger and battery

Charger voltage: 48V 60V 72V 80V, etc

Battery type: lead acid/lithium battery

Battery capacity: 150AH 200AH 210AH 300AH 400AH 500AH 600AH, etc

Charging voltage: 100V 110V 120V 127V 220V 230V 240V 380V 480V, etc

Power supply: single-phase, two-phase, three-phase



BMS Intelligent Hardware

Use connection to sense the battery, so that the battery is always online and the status is under control, so you can plan and strategize. The integrated BMS highly integrates data acquisition, total voltage detection, insulation detection, wireless transmission and other functions. All core components meet automotive-grade requirements and have super high cost performance.

Applicable to 24V voltage platform, 12 series voltage acquisition, 5-channel temperature acquisition supports 2-channel high-voltage detection, 1-channel shunt detection, 4-channel high-side control and adhesion detection 2-channel CAN communication, 4G wireless communication, direct power supply of battery pack.

Technical advantages

Charging and discharging process and protection strategy, voltage/current/temperature/insulation/adhesion collection, SOC/SOP/SOH/SOF estimation, communication with vehicle/charger equipment, heating/cooling environment temperature control, trigger threshold to automatically start balancing, battery failure analysis and online alarm, system self-check to ensure BMS function, upload data/accept cloud instruction set, lower BMS power consumption after hibernate, system failure self-check to ensure BMS function.

Technological advancement

Comfort

- Parking electromagnetic brake, which can realize automatic parking function on slopes and flat ground;
- The vehicle has a low center of gravity when turning, good stability, and a comfortable driving feel;
- The small-diameter steering wheel is ergonomically designed and adjustable, providing a good feeling for the driver;
- The optimized design of the wide-view mast should not block the operator's sight, and the size of the cargo rack opening increases the field of vision;
- The advantages of quietness, no pollution, and energy saving meet the requirements of environmental protection; one-key switching (economic, power, strong) adapts to the operation of different working conditions;
- Large-screen LED instrument panel with good visibility, intuitive reading, and friendly human-machine interaction. Brake pedal and regenerative braking function can effectively reduce driver fatigue.

Advanced

- High-frequency MOSFE integrated controller ensures smooth and precise walking and lifting control;
- Ultra-high power AC travel motor, bridge structure;
- Ultra-high power AC oil pump motor. High system efficiency, with built-in speed sensor;
- The optimized hydraulic system highlights energy saving and high efficiency, reducing the energy consumption of the whole vehicle by 10%;
- Reasonable center of gravity arrangement to obtain higher high-position residual load;
- The forklift can cut off the descending function when the driver leaves the seat, which is highly safe;
- Emergency power-off switch is standard configuration, connected to the electronic control via CAN bus, in compliance with European safety regulations;
- Electronic hydraulic overload protection device.

Electric forklift advantages

Electric forklifts show significant advantages in many aspects: firstly, they are powered by electricity and have zero emissions, which helps reduce air pollution in the working environment and is in line with the current concept of green and sustainable development advocated globally; secondly, electric forklifts are more efficient and quieter, they can significantly reduce noise pollution, improve the working environment, and enhance the comfort and safety of operators; in addition, they have high-efficiency energy conversion rates and instant torque characteristics, allowing for quick response and abundant power during operations, making them suitable for Long-term and high-intensity material handling tasks; in addition, the maintenance cost of electric forklifts is low, and there is no complicated engine maintenance. The main maintenance is concentrated on the battery and motor, which is economical and worry-free; finally, with the advancement of battery technology, the battery life Capabilities are increasing and charging is more convenient, reducing the risk of operational disruption. To sum up, modern electric forklifts have become an important driver of the transformation and upgrading of the logistics and warehousing industry with their environmentally friendly, efficient, economical and safe characteristics.



Cab – The area that contains a seat for the operator along with the control pedals, steering wheel, levers, switches and a dashboard containing operator readouts. The cab area may be open-air or enclosed, but it is covered by the cage-like overhead guard assembly. When enclosed, the cab may also be equipped with a cab heater for cold weather countries along with a fan or air conditioner for hot weather.

Tires – Either solid for indoor use, or pneumatic for outdoor use.

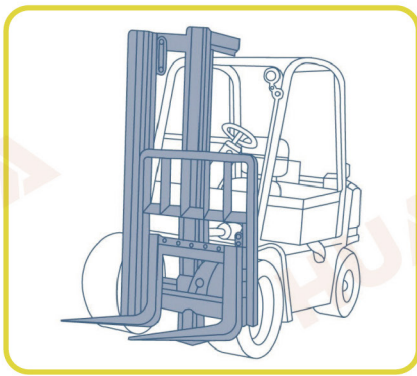


Manned platform – A lift platform that slides onto the tines (forks) and is meant for hoisting workers. The manned platform has railings to keep the person from falling and brackets for attaching a safety harness. Also, a strap or chain is used to attach the manned platform to the carriage of the forklift.

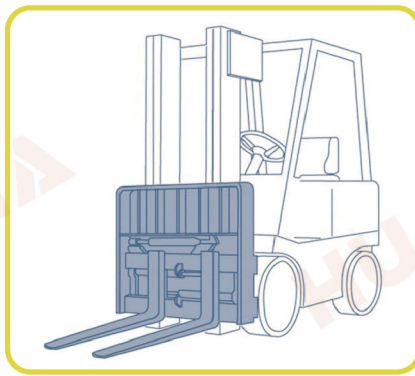
Customized Plugs - Plugs and sockets can be matched to different types of plugs and sockets from different countries around the world.

We equip sockets and plugs with many different safety devices in order to minimize the risk of electric shock. Power plugs and sockets vary in appearance, rating, size and type depending on the country/region. Each country has standards set by the government.

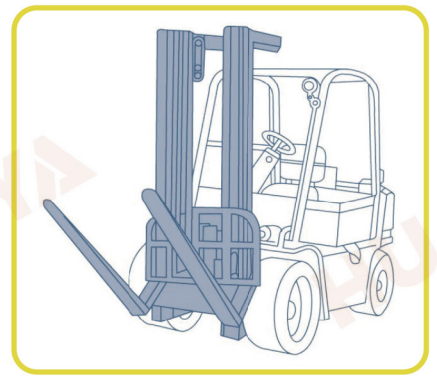




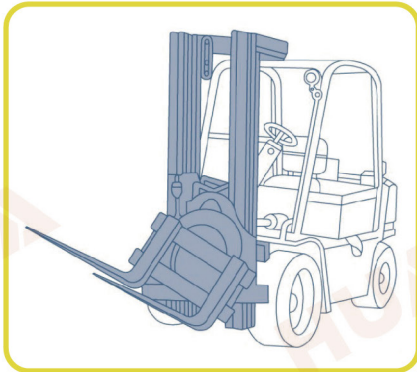
Sideshift



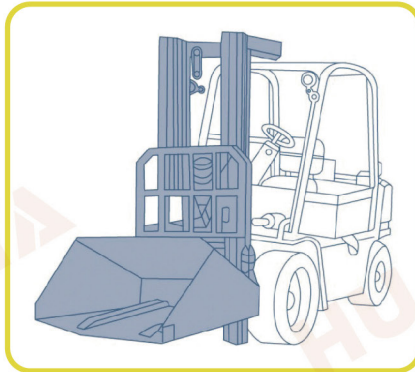
Fork positioner



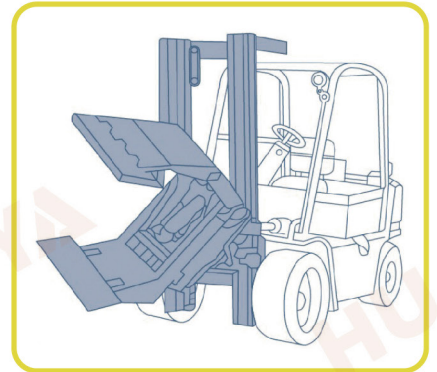
Hinged fork



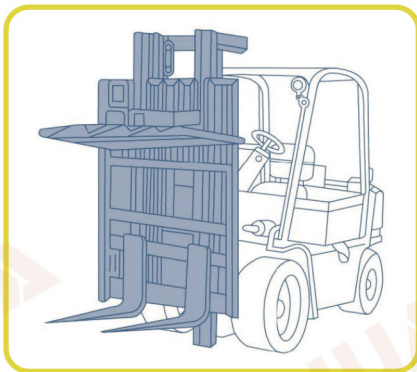
Rotator



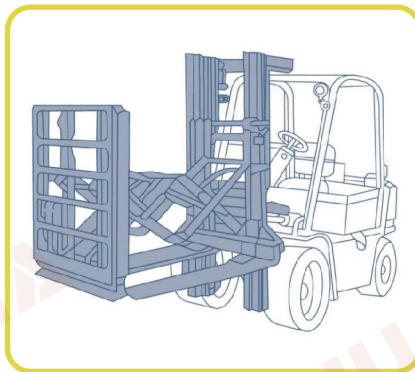
Hinged bucket



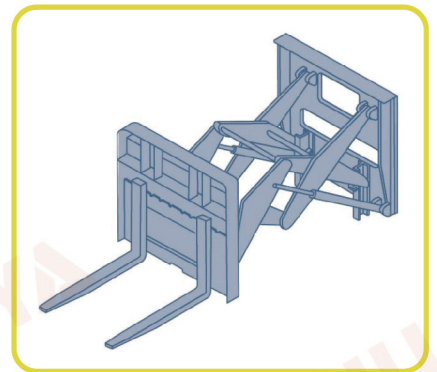
Rotating roll clamp



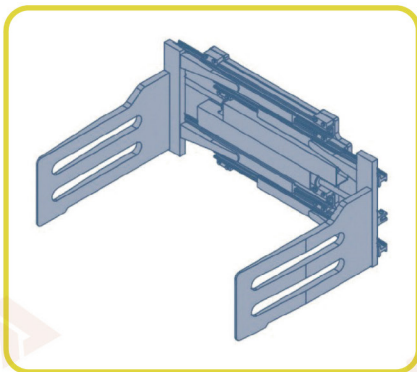
Load stabilizer



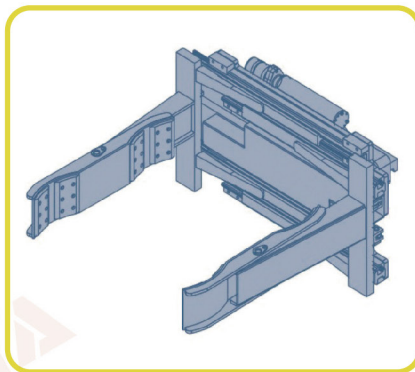
Push pull



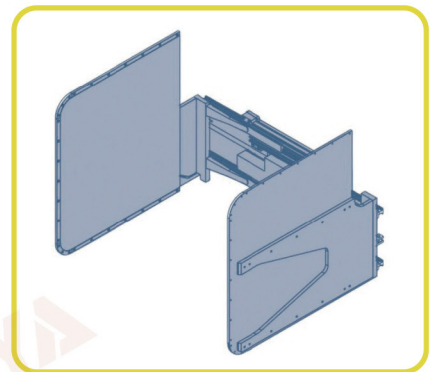
Load extender



Bale clamp



Drum clamp



Carton clamp

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