



Heavy-duty forklifts designed for longevity

**HUAYA** CARRY THE FUTURE  
胜出，必有所长

## 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.



### Features



#### Thickened fork

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



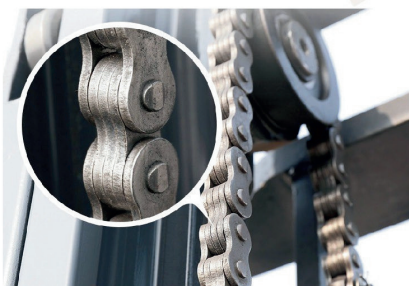
#### Standard solid tires

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  
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

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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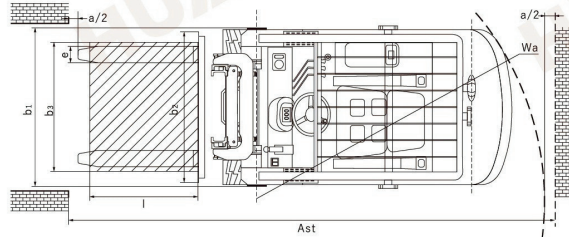
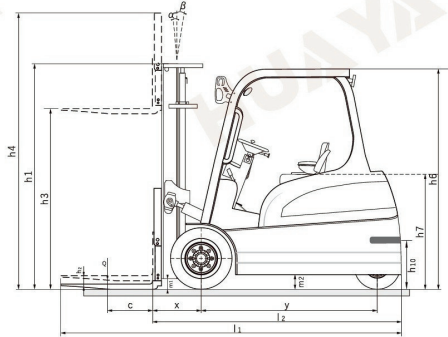
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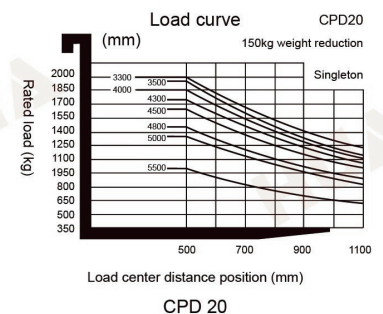
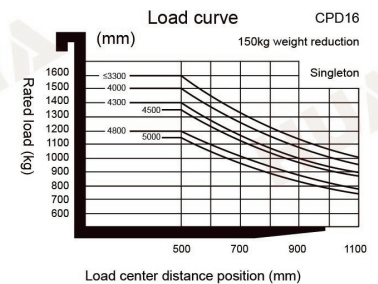
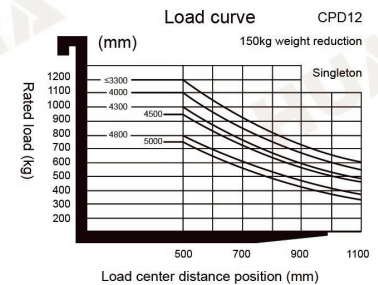
### Forklift 2D Graph



### 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	/
<b>Weight</b>						
Vehicle weight(including battery/unladen)		kg	1900	2500	2900	/
<b>Tires</b>						
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	/
<b>Dimension</b>						
Front and rear inclination angle of mast and fork	a/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	/
<b>Performance</b>						
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
<b>Motor, Power source</b>						
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.