

CPCD50T9

PRODUCT DATASHEET

 5000 kg  7000 mm



The CPCD T9 Series is well suited for :



- Heavy-duty material handling in manufacturing plants
- Yards, ports, and outdoor logistics centers
- Building materials, metal, and timber industries
- Long-shift operations requiring stable power

Thanks to its continuous power, reliable braking system, wide visibility, and all-weather capability, the T9 Series performs confidently in outdoor environments where electric alternatives face limitations, particularly in cold climates or remote locations requiring rapid refueling.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			CPCD50T9
Rated capacity	Q	kg	5000
Load centre distance	c	mm	500
Service weight		kg	6760
Height, mast lowered	h ₁	mm	2250
Lift	h ₃	mm	3000
Height, mast extended	h ₄	mm	4177
Overall length	l ₁	mm	4310
Overall width	b ₁ /b ₂	mm	1495
Length to face of forks	l ₂	mm	3240
Fork dimensions	s/e/l	mm	55/150/1070
Turning radius	Wa	mm	2930
Drive			Diesel
Operator type			Seated
Load distance, centre of drive axle to fork	x	mm	550

Features

Capacity varies from 4 to 12 tons with family-style design.

Comfortable, quiet and vibration-free ride thanks to the flexible coupling and automatic shifting, ideal for long working hours.

Strong, reliable power to handle heavy loads even on ramps seamlessly.

The hydraulic dynamic drive with electronic control system advances operation efficiency and accuracy.

Wide-view mast and mast lifting and lowering buffer ensure operation safety.

Hydraulic power braking and stable chassis give the operator confidence in every maneuver.

Easy daily checks and modular electric system help reduce downtime and service costs.

Aluminum plate-fin radiator for optimized cooling system improves fuel efficiency and extends lifetime.

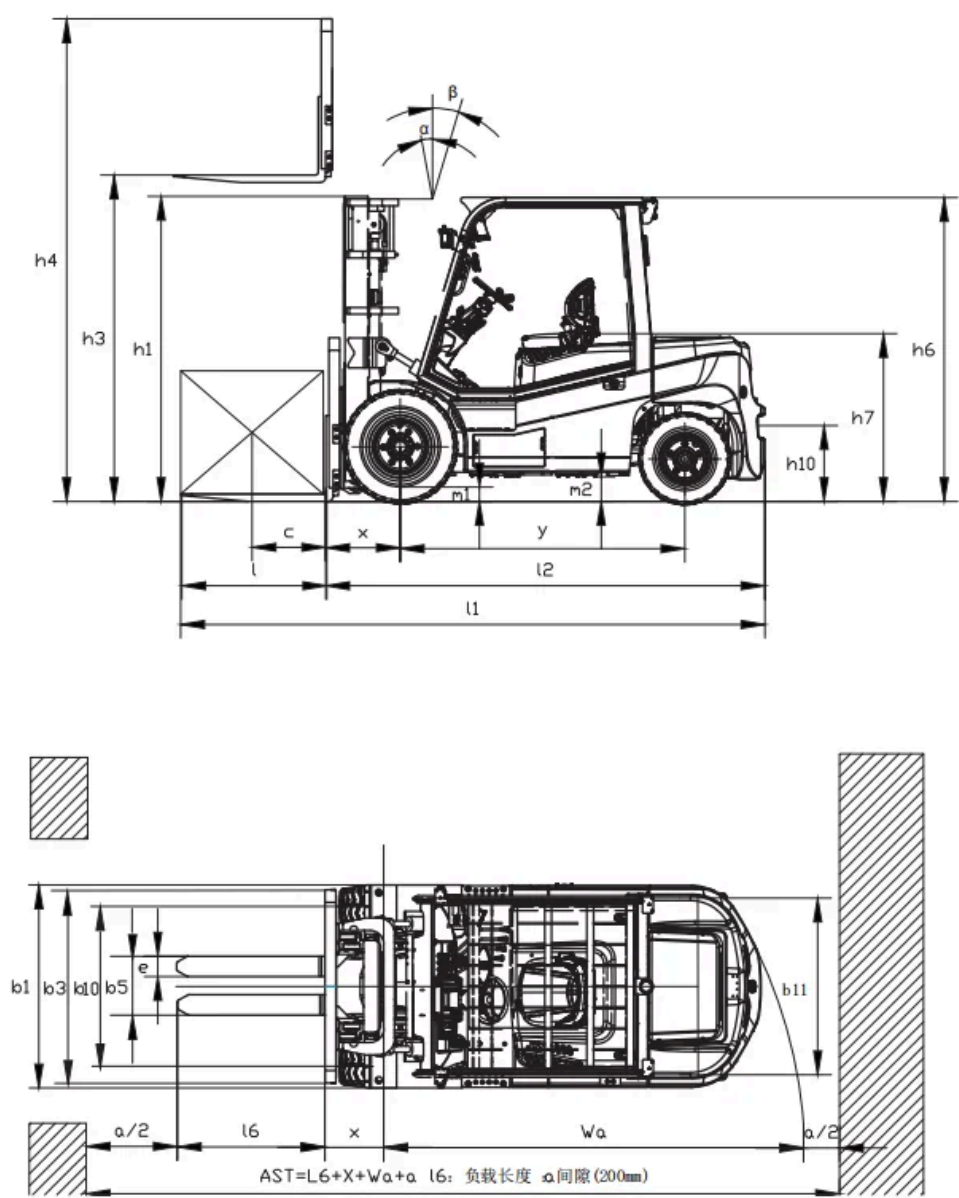
VDI Chart

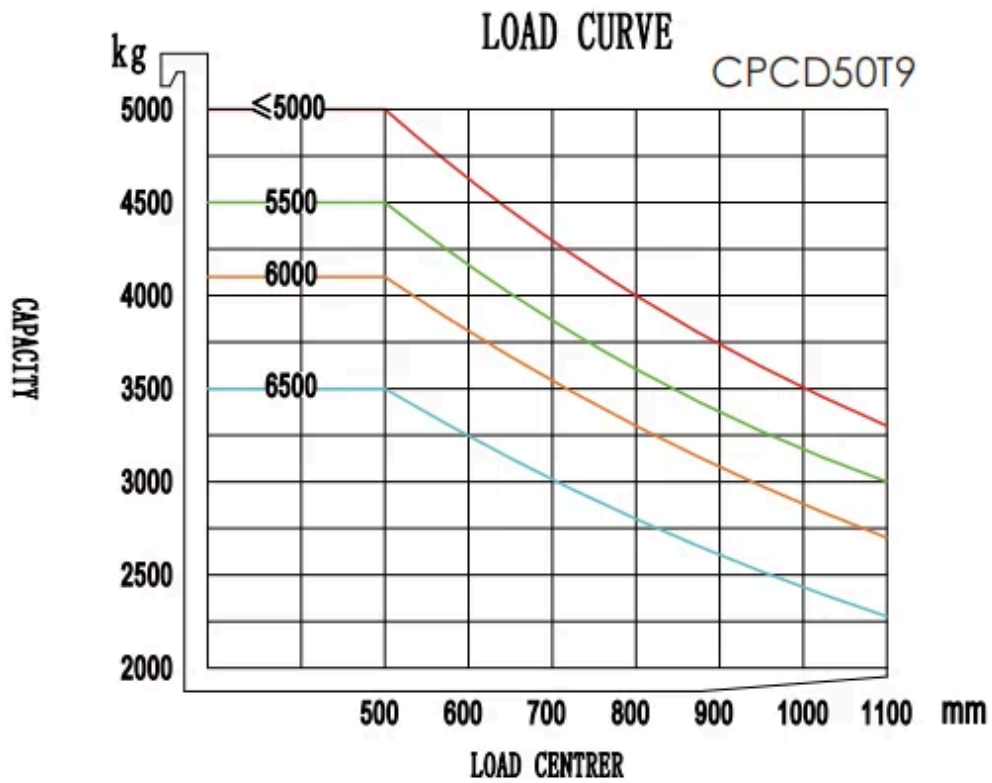
	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			CPCD50T9
1.3	Drive			Diesel

	SPECIFICATION	REF	UNIT	VALUE
1.4	Operator type			Seated
1.5	Rated capacity	Q	kg	5000
1.6	Load centre distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	550
1.9	Wheelbase	y	mm	2100
2.1	Service weight		kg	6760
2.2	Axle loading, laden front/rear		kg	10465/1295
2.3	Axle loading, unladen front/rear		kg	2980/3780
3.1	Tyres			Pneumatic
3.2	Tyre size, front		mm	300-15-20PR
3.3	Tyre size, rear		mm	7.00-12-14PR
3.5	Wheels, number front/rear (x=drive wheels)			2X/2
3.6	Tread width, front	b ₁₀	mm	1179
3.7	Tread width, rear	b ₁₁	mm	1190
4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/12
4.2	Height, mast lowered	h ₁	mm	2250
4.3	Free lift	h ₂	mm	155
4.4	Lift	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	4177
4.7	Height of overhead guard (cabin)	h ₆	mm	2250
4.8	Seat height relating to SIP/stand height	h ₇	mm	1283.5
4.12	Coupling height	h ₁₀	mm	748
4.19	Overall length	l ₁	mm	4310
4.20	Length to face of forks	l ₂	mm	3240
4.21	Overall width	b ₁ /b ₂	mm	1495
4.22	Fork dimensions	s/e/l	mm	55/150/1070
4.23	Fork carriage ISO 2328, class/type A, B			3A
4.24	Fork carriage width	b ₃	mm	1380
4.31	Ground clearance, laden, below mast	m ₁	mm	150
4.32	Ground clearance, centre of wheelbase	m ₂	mm	208
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	4680
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	4880
4.35	Turning radius	Wa	mm	2930
5.1	Travel speed, laden/unladen		km/h	25/26

	SPECIFICATION	REF	UNIT	VALUE
5.2	Lift speed, laden/unladen		m/s	0.53/0.56
5.3	Lowering speed, laden/unladen		m/s	0.43/0.40
5.6	Max. drawbar pull, laden/unladen		N	29000/NA
5.8	Max. gradeability, laden/unladen		%	28/20
5.10	Service brake			Hydraulic - foot pedaltype
5.11	Parking brake			Mechanical, lever type
6.1	Drive motor rating S2 60 min		kW	Mitsubishi S6S
6.2	Lift motor rating at S3 15%		kW	52/2300
10.5	Steering design			Hydraulic
999	Transmission type			Electro-hydraulic
999	Cylinder count/Displacement		/L	6/4.96
999	Fuel tank capacity		L	90
999	Gear position, front/rear			2/1
999	Max. torque/Speed		Nm/rpm	260/1700

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.





Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	MAST EXTENDED HEIGHT, WITH BACKREST (H4, MM)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FREE LIFT HEIGHT, WITH BACKREST (H2, MM)	FORWARD TILT (A, DEG)	BACKWARD TILT (B, MM)	WEIGHT, MAST (KG)
2-Standard Mast	3000	2250	3835	4155	155	155	6	12	1414
2-Standard Mast	3500	2500	4335	4655	155	155	6	12	1478.14
2-Standard Mast	3600	2550	4435	4755	155	155	6	12	1490.98
2-Standard Mast	4000	2750	4835	5155	155	155	6	12	1542.28
2-Standard Mast	4500	3050	5335	5655	155	155	6	6	1664.3
2-Standard Mast	5000	3300	5835	6155	155	155	6	6	1728.42
2-Standard Mast	5500	3600	6335	6655	155	155	3	6	1808.34
2-Standard Mast	6000	3850	6835	7155	155	155	3	6	1877.98
2-Standard Mast	6500	4150	7335	7655	155	155	3	6	1954.94
2-Free Mast	3000	2250	3835	4155	1440	1120	6	12	1448

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	MAST EXTENDED HEIGHT, WITH BACKREST (H4, MM)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FREE LIFT HEIGHT, WITH BACKREST (H2, MM)	FORWARD TILT (A, DEG)	BACKWARD TILT (B, MM)	WEIGHT, MAST (KG)
2-Free Mast	3500	2500	4335	4655	1690	1370	6	12	1495.6750125
2-Free Mast	4000	2750	4835	5155	1940	1620	6	12	1543.350025
2-Free Mast	4500	3050	5335	5655	2240	1920	6	6	1600.56004
2-Free Mast	5000	3300	5835	6155	2490	2170	6	6	1648.2350525
2-Free Mast	5500	3600	6335	6655	2790	2470	3	6	1705.4450675
2-Free Mast	6000	3850	6835	7155	3040	2720	3	6	1753.12008
2-Free Mast	6500	4150	7340	7655	3310	3020	3	6	1810.330095
3-Free Mast	4000	2080	4740	5155	1365	950	6	12	1702.8
3-Free Mast	4300	2180	5040	5455	1465	1050	6	12	1744
3-Free Mast	4500	2247	5242	5657	1532	1117	6	6	1771.216
3-Free Mast	4700	2313	5440	5855	1598	1183	6	6	1798.62
3-Free Mast	4800	2347	5540	5955	1632	1217	6	6	1812.34
3-Free Mast	5000	2413	5740	6155	1698	1283	6	6	1839.8
3-Free Mast	5500	2580	6240	6655	1865	1450	3	6	1973.72
3-Free Mast	6000	2797	6771	7155	2051	1667	3	6	2061.3
3-Free Mast	6500	2963	7269	7655	2219	1833	3	6	2113.868
3-Free Mast	7000	3130	7770	8155	2385	2000	3	6	2197.72

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	Dimensions of 1070mm - standard fork type Center of Load 500mm) Other length forks Customized attachments
Fork carriage width option	Standard fork carriage width (1380mm) Customized fork carriage width
Seat type	Upgrade mechanical suspension with armrest + headrest + safety belt switch Grammer MSG65-531 mechanical suspension with armrest + safety belt switch
Rear lamp	LED

ITEM	OPTIONS (optional items marked in yellow)
Warning lamp	Strobe warning light Rotating warning light Rotating buzzer warning light
Blue lamp	No Rear Front and rear
Area warning lamp	No Customized
Buzzer	Yes and not customized
Fire extinguisher	No 2kg fire extinguisher with bracket
OPS system	No and not customized (Manual transmission) Yes and customized (Hydraulic transmission)
USB interface	USB type A (24V QC3.0)
Telematics	Yes and not customized
Cabin	OHG only Basic half cabin Upgrade half cabin Basic Full cabin Upgrade Full cabin
Turn speed control	No and not customized
Hydraulic system operating mode	Mechanical lever Customized
Mast lifting and lowering buffer	Lowering Lifting and lowering
Adjustable overspeed alarm	No Yes
Reversing Collision Warning System	No Astern radar Astern video Astern radar and astern video
Attachments-fork type	Fork carriage : hook on type fork Hook on type sideshift: hook on type fork Hook on type forkpositioner with sideshift : hook on type fork Forkpositioner with pin type forks
Cigarette lighter socket	No Cigarette lighter socket (12V 5A)
Engine	Mitsubishi S6S Customized
Fog light	No Front fog light
Fork backrest	Yes with hook on type fork carriage Customized
Front combination light	LED working light, steering light, width light
Mast working light	No Mast working light (two)
Rear combination light	Yes and not customized
Rear grab handle with horn	Yes and not customized
Wheel type	Pneumatic tyres Normal solid Traceless solid