

CPCD45T9

INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT 4.5T

 4500 kg  3000 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			CPCD45T9
Rated capacity	Q	kg	4500
Load centre distance	c	mm	500
Service weight		kg	6500
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	50/150/1070
Turning radius	Wa	mm	2930
Drive			Diesel
Operator type			Seated
Load distance, centre of drive axle to fork	x	mm	545

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

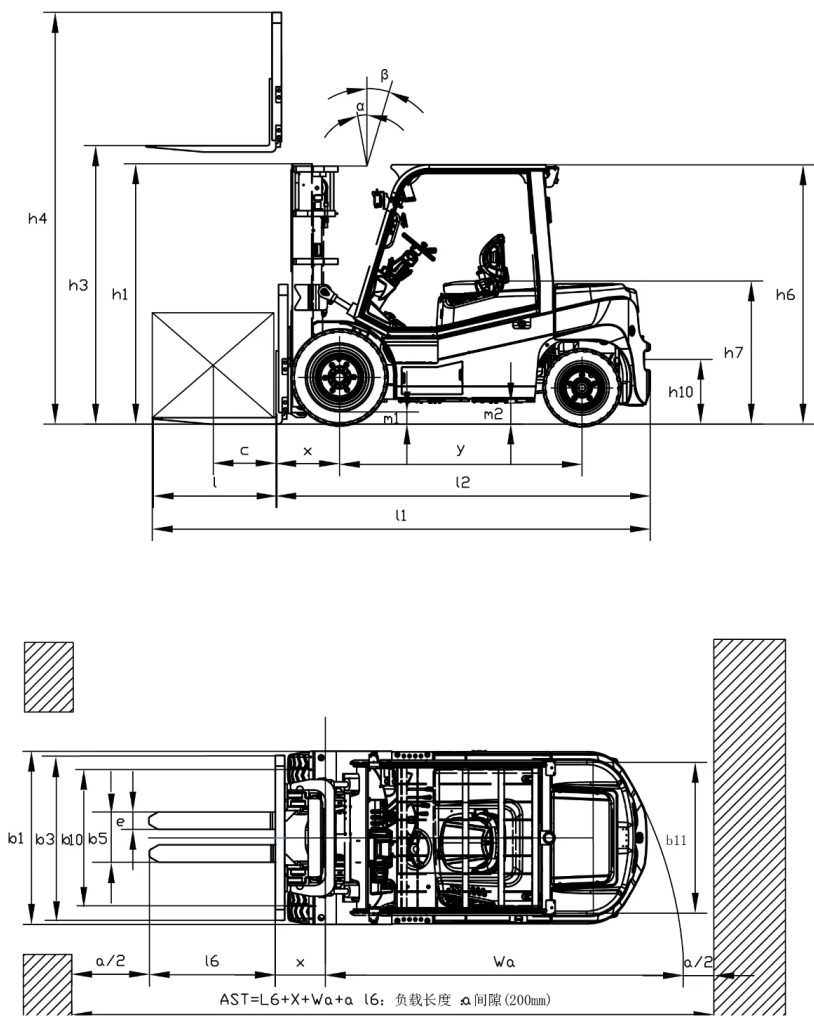
	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			CPCD45T9
1.3	Drive			Diesel

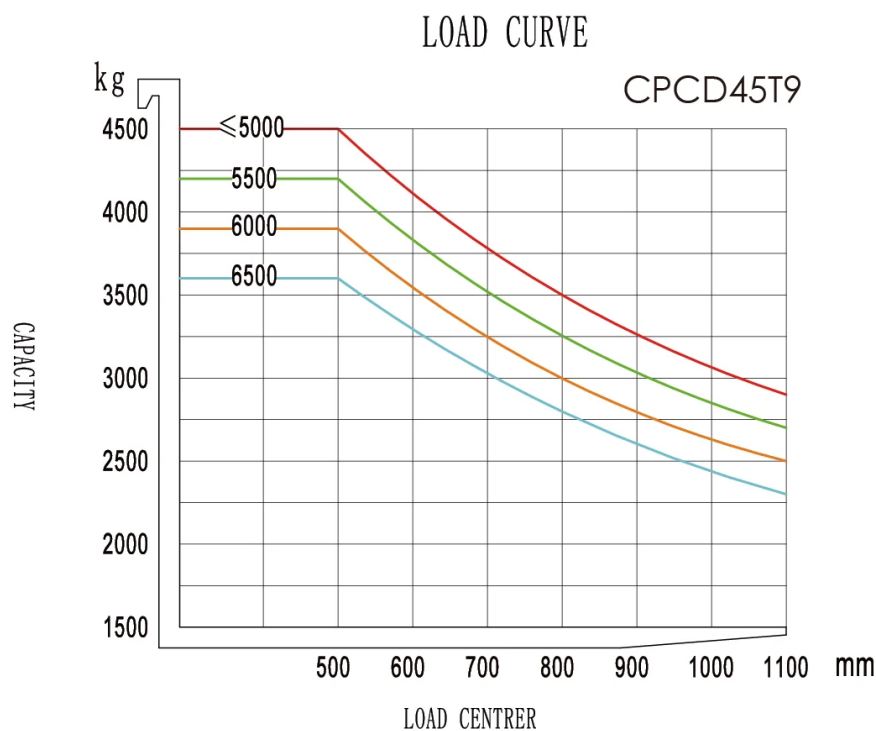
	SPECIFICATION	REF	UNIT	VALUE
1.4	Operator type			Seated
1.5	Rated capacity	Q	kg	4500
1.6	Load centre distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	545
1.9	Wheelbase	y	mm	2100
2.1	Service weight		kg	6500
2.2	Axle loading, laden front/rear		kg	9815/1185
2.3	Axle loading, unladen front/rear		kg	2820/3680
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	150
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	50/150/1070
4.23	Fork carriage ISO 2328, class/type A, B			3A
4.24	Fork carriage width		mm	1380
4.31	Ground clearance, laden, below mast		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 pedal type
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.

CPCD40/45/50T9





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)
2-Standard Mast	3000	2250	3835	4177	150	150
2-Standard Mast	3500	2500	4335	4677	150	150
2-Standard Mast	4000	2750	4835	5177	150	150
2-Standard Mast	4500	3050	5385	5677	150	150
2-Standard Mast	5000	3300	5885	6177	150	150
2-Standard Mast	5500	3600	6435	6677	150	150
2-Standard Mast	6000	3850	6935	7177	150	150
2-Standard Mast	6500	4150	7485	7677	150	150
2-Free Mast	3000	2250		4244	860	1364
2-Free Mast	3500	2500		4744	1110	1614
2-Free Mast	4000	2750		5244		

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)
3-Free Mast	4500	2247	5242	5677	1525	1091
3-Free Mast	5000	2413	5742	6177	1692	1258
3-Free Mast	5500	2580	6242	6677	1859	1425
3-Free Mast	6000	2797	6792	7177	2026	1642
3-Free Mast	6500	2963	7292	7677	2193	1809
3-Free Mast	7000	3130	7792	8177	2360	1976

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
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

ITEM	OPTIONS (optional items marked in yellow)
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 sideshif: 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