

CPCD60T9 (Mitsubishi S6S-T)



INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT 6T

6000 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
Load capacity	Q	kg	6000
Load centre distance	c	mm	600
Service weight		kg	9000
Retracted mast height	h_1	mm	2480
Lift height	h_3	mm	3000
Height, mast extended	h_4	mm	4470
Overall width	b_1/b_2	mm	2000
Model designation			CPCD60T9
Drive			Diesel
Operator type			Seated
Load distance, centre of drive axle to fork		mm	603.5
Wheelbase		mm	2300
Axle loading, laden front/rear		kg	13537/1463
Axle loading, unladen front/rear		kg	4398/4602
Tyre type			Pneumatic
Tyre size, front		mm	8.25-15-14PR

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.

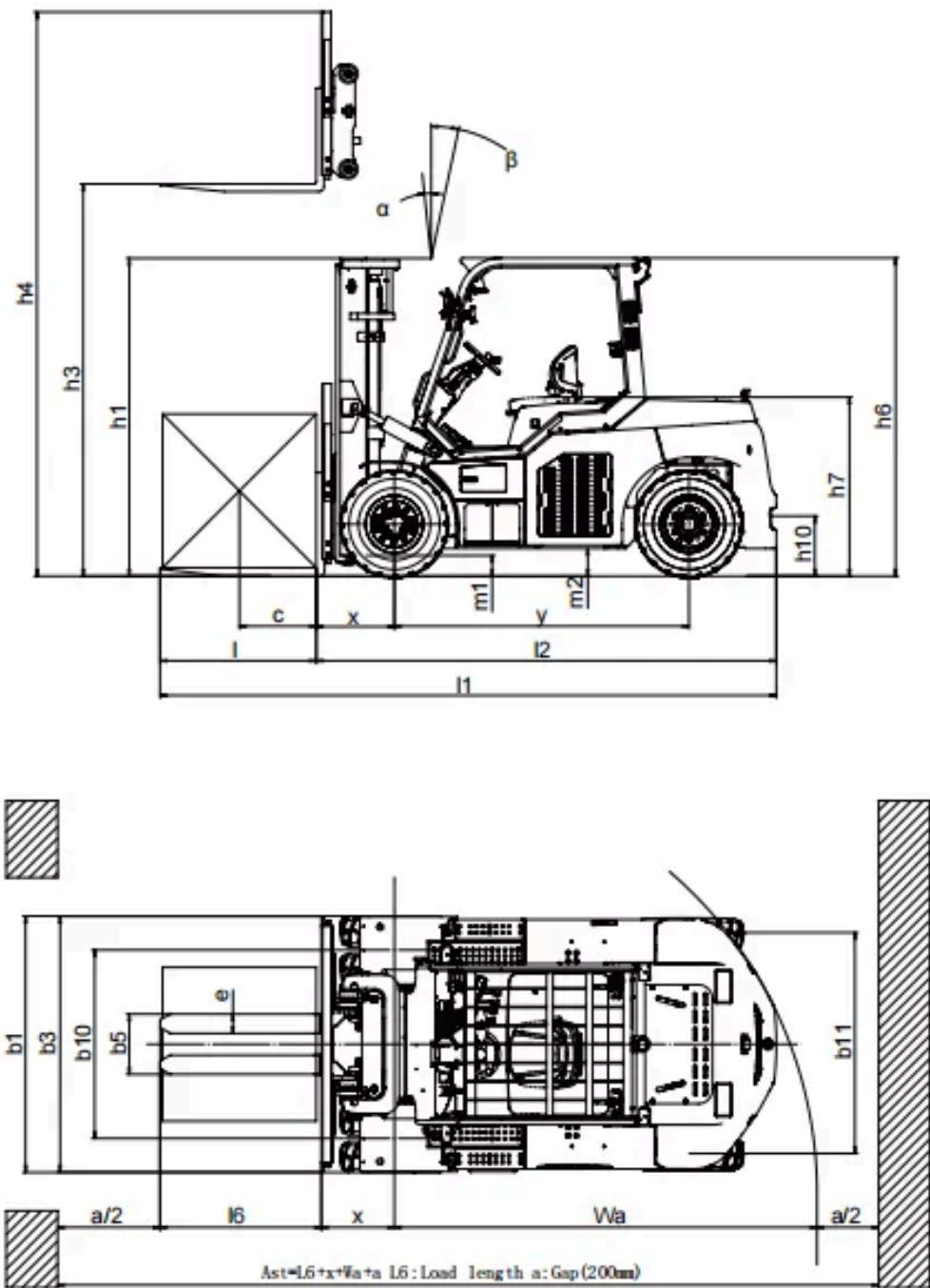
Easy daily checks and modular electric system help reduce downtime and service costs.

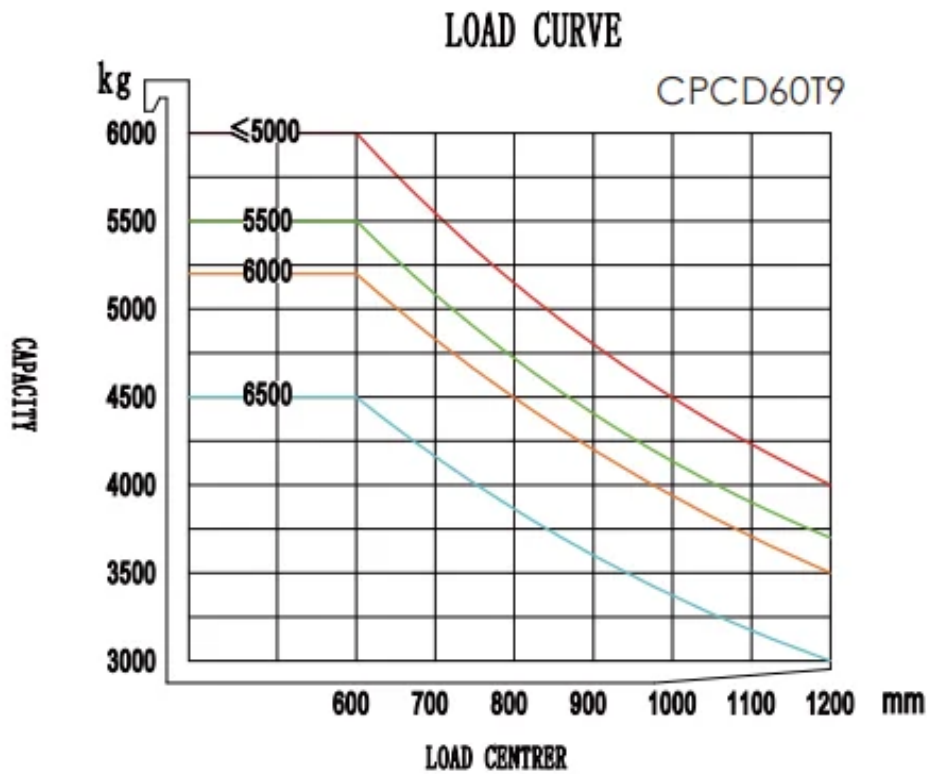
Aluminum plate-fin radiator for optimized cooling system improves fuel efficiency and extends lifetime.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.2	Model designation			CPCD60T9
1.3	Drive			Diesel
1.4	Operator type			Seated
1.5	Load capacity	Q	kg	6000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork		mm	603.5
1.9	Wheelbase		mm	2300
2.1	Service weight		kg	9000
2.2	Axle loading, laden front/rear		kg	13537/1463
2.3	Axle loading, unladen front/rear		kg	4398/4602
3.1	Tyre type			Pneumatic
3.2	Tyre size, front		mm	8.25-15-14PR
3.3	Tyre size, rear		mm	8.25-15-14PR
3.4	Additional wheels (castor wheels)		mm	4X/2
3.5	Wheels, number front/rear (x=drive wheels)			1470
3.7.1	Tread width, rear	b ₁₁	mm	1718
4.1	Tilt of mast/fork carriage forward/backward		°	6/12
4.10	Height of wheel arms		mm	3530
4.12	Tow coupling height		mm	60/150/1220
4.13	Loading height, unladen			4A
4.14	Stand height, elevated			1845
4.15	Lowered height			160
4.16	Length of loading surface			213
4.17	Overhang			3250
4.2	Retracted mast height	h ₁	mm	2480
4.21	Overall width	b ₁ /b ₂	mm	2000
4.3	Free lift		mm	160
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	5053.5
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	5253.5
4.4	Lift height	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	4470
4.6	Initial lift		mm	2480

	SPECIFICATION	REF	UNIT	VALUE
4.7	Height of overhead guard (cabin)		mm	1370
4.8	Seat height/standing height		mm	454
4.9	Height of tiller handle in drive position min./max.			4750
5.1	Travel speed, laden/unladen		km/h	29/32
5.2	Lifting speed, laden/unladen		m/s	0.48/0.42
5.3	Lowering speed, laden/unladen		m/s	0.48/0.53
5.5	Drawbar pull, laden/unladen			20/NA
5.6	Max. drawbar pull, laden/unladen			60000/NA
5.8	Max. gradeability, laden/unladen		%	Hydraulic
6.1	Drive motor rating S2 60 min		kW	Mitsubishi S6S-T
6.2	Lift motor rating at S3 15%		kW	63.9/2300
999	Fuel tank capacity		L	140
999	Gear position, front/rear			2/2
999	Transmission type			Hydraulic
999	Cylinder count/Displacement		/L	6/4.9
999	Max. torque/Speed		Nm/rpm	285/1700





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	2480	3960	4470	160	160
2-Standard Mast	3500	2730	4460	4970	160	160
2-Standard Mast	4000	2980	4960	5470	160	160
2-Standard Mast	4500	3280	5460	5970	160	160
2-Standard Mast	5000	3530	5960	6470	160	160
2-Standard Mast	5500	3830	6460	6970	160	160
2-Standard Mast	6000	4080	6960	7470	160	160
2-Standard Mast	6500	4380	7460	7970	160	160
2-Free Mast	3000	2480	4310	4470	1495	1313
2-Free Mast	3500	2730	4810	4970	1700	1580
2-Free Mast	4000	2980	5310	5470	1995	1813

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	2660	5636	5976	1560	1220
3-Free Mast	4800	2760	5936	6276	1660	1320
3-Free Mast	5000	2810	6086	6476	1760	1370
3-Free Mast	5500	3010	6686	6976	1860	1570
3-Free Mast	6000	3160	7136	7476	2060	1720
3-Free Mast	6500	3310	7586	7976	2260	1870
3-Free Mast	7000	3610	8286	8476	2360	2170

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	Other length forks Customized attachments Dimensions of 1220mm - standard fork type （Center of Load 600mm）
Fork carriage width option	Customized fork carriage width Standard fork carriage width （1845mm）
Seat type	Upgrade mechanical suspension with armrest + headrest + safety belt switch Grammer MSG65-531 mechanical suspension with armrest + safety belt switch
Area warning lamp	No Customized
Buzzer	Yes and not customized
Fire extinguisher	No 2kg fire extinguisher with bracket
OPS system	Yes and not customized
USB interface	USB type A (24V QC3.0)
Telematics	Yes and not customized
Rear lamp	LED
Warning lamp	Strobe warning light Rotating warning light Rotating buzzer warning light
Blue lamp	No Rear Front and rear
Cabin	OHG only Basic half cabin Upgrade half cabin Basic Full cabin Upgrade Full cabin
Turn speed control	No and not customized
Hydraulic control	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
Cigarette lighter socket	No Cigarette lighter socket (12V 5A)
Fog light	No Front fog light
Fork backrest	Yes with hook on type fork carriage Customized
Front combination working 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
Attachments-fork type	Fork carriage : hook on type fork Fook on type sideshif: hook on type fork Fook on type forkpositioner with sideshift : hook on type fork Forkpositioner with pin type forks
Engine	Customized Cummins QSB3.9 Mitsubishi S6S-T