

CPCD100T9 (Mitsubishi S6S-DT)



INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT 10T

10000 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	10000
Load centre distance	c	mm	600
Service weight		kg	12870
Retracted mast height	h ₁	mm	2850
Lift height	h ₃	mm	3000
Height, mast extended	h ₄	mm	4310
Overall width	b ₁ /b ₂	mm	2200
Model designation			CPCD100T9
Drive			Diesel
Operator type			Seated
Load distance, centre of drive axle to fork		mm	713
Wheelbase		mm	2800
Axle loading, laden front/rear		kg	20692/2178
Axle loading, unladen front/rear		kg	6018/6855
Tyre type			Pneumatic
Tyre size, front		mm	9.00-20-14PR

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.

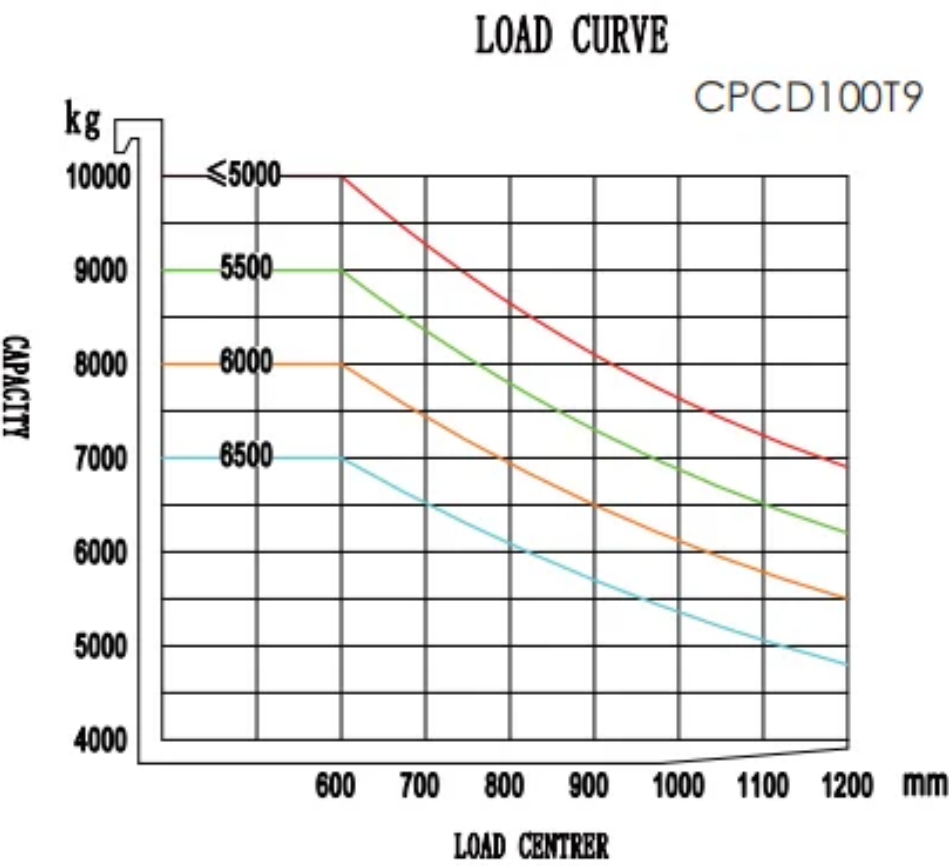
Easy daily checks and modular electric system help reduce downtime and service costs.

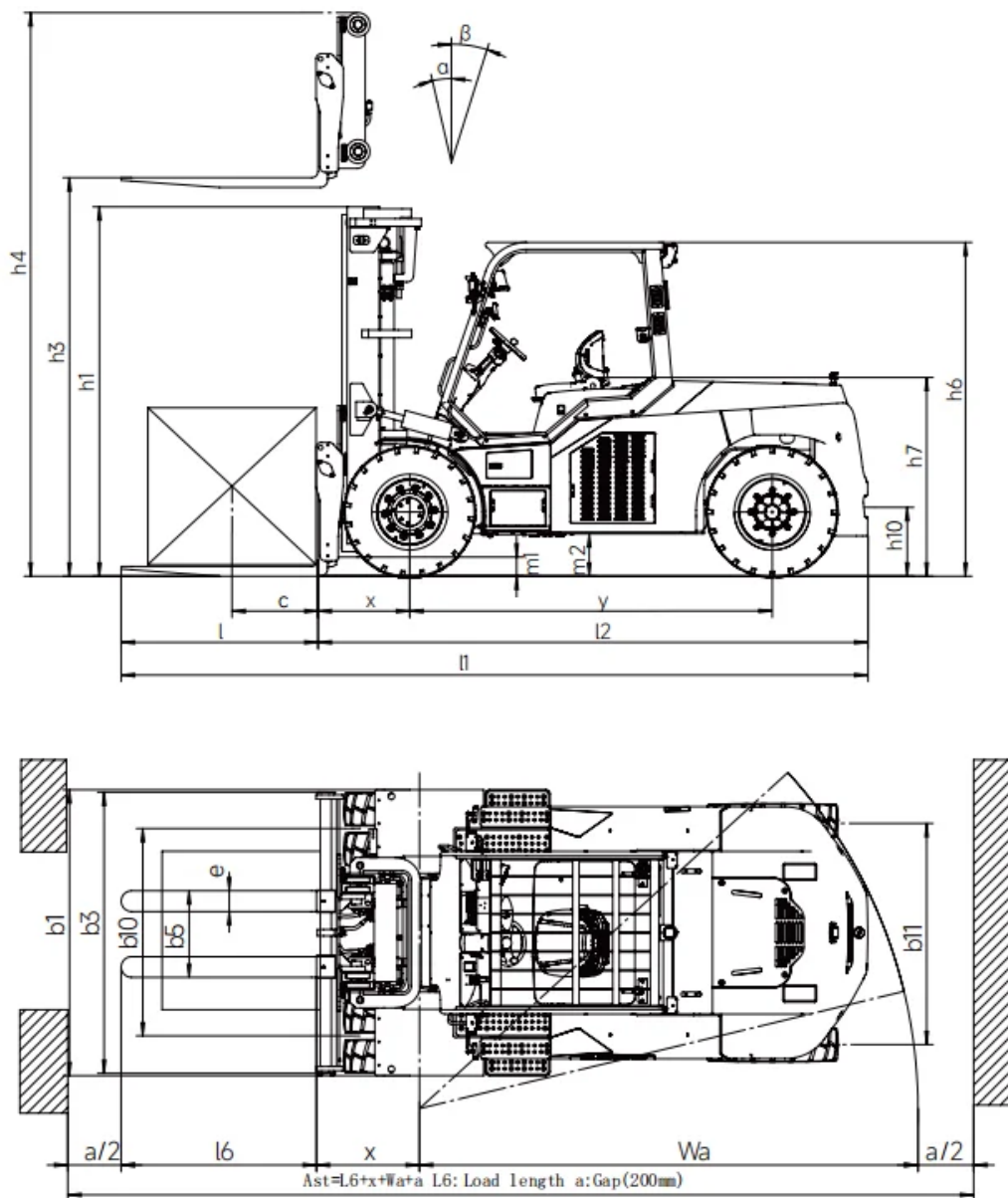
Aluminum plate-fin radiator for optimized cooling system improves fuel efficiency and extends lifetime.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.2	Model designation			CPCD100T9
1.3	Drive			Diesel
1.4	Operator type			Seated
1.5	Load capacity	Q	kg	10000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork		mm	713
1.9	Wheelbase		mm	2800
2.1	Service weight		kg	12870
2.2	Axle loading, laden front/rear		kg	20692/2178
2.3	Axle loading, unladen front/rear		kg	6018/6855
3.1	Tyre type			Pneumatic
3.2	Tyre size, front		mm	9.00-20-14PR
3.3	Tyre size, rear		mm	9.00-20-14PR
3.4	Additional wheels (castor wheels)		mm	4X/2
3.5	Wheels, number front/rear (x=drive wheels)			1600
3.7.1	Tread width, rear	b ₁₁	mm	1700
4.1	Tilt of mast/fork carriage forward/backward		°	6/12
4.10	Height of wheel arms		mm	4250
4.12	Tow coupling height		mm	80/160/1520
4.14	Stand height, elevated			2130
4.15	Lowered height			246
4.16	Length of loading surface			300
4.17	Overhang			3940
4.2	Retracted mast height	h ₁	mm	2850
4.21	Overall width	b ₁ /b ₂	mm	2200
4.3	Free lift		mm	200
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	5853
4.34.2	Aisle width for pallets 800×1200 lengthways		Ast	6053
4.4	Lift height	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	4310
4.6	Initial lift		mm	2570
4.7	Height of overhead guard (cabin)		mm	1565

	SPECIFICATION	REF	UNIT	VALUE
4.8	Seat height/standing height		mm	525
4.9	Height of tiller handle in drive position min./max.			5770
5.1	Travel speed, laden/unladen		km/h	26.5/30.5
5.2	Lifting speed, laden/unladen		m/s	0.38/0.42
5.3	Lowering speed, laden/unladen		m/s	0.46/0.40
5.5	Drawbar pull, laden/unladen			20/NA
5.6	Max. drawbar pull, laden/unladen			73900/NA
5.8	Max. gradeability, laden/unladen		%	Hydraulic
6.1	Drive motor rating S2 60 min		kW	Mitsubishi S6S-DT
6.2	Lift motor rating at S3 15%		kW	86.8/2100
999	Cylinder count/Displacement		/L	6/4.9
999	Max. torque/Speed		Nm/rpm	417/1500
999	Gear position, front/rear			2/2
999	Transmission type			Hydraulic
999	Fuel tank capacity		L	160





Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FORWARD TILT (A, DEG)	BACKWARD TILT (B, MM)
2-Standard Mast	3000	2850	4310	200	6	12
2-Standard Mast	3300	3000	4610	200	6	12
2-Standard Mast	3500	3100	4810	200	6	12
2-Standard Mast	4000	3350	5310	200	6	12
2-Standard Mast	4500	3650	5810	200	6	6
2-Standard Mast	5000	3900	6310	200	6	6

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FORWARD TILT (A, DEG)	BACKWARD TILT (B, MM)
2-Standard Mast	5500	4200	6810	200	3	6
2-Standard Mast	6000	4450	7310	200	3	6
2-Standard Mast	6500	4750	7810	200	3	6
2-Free Mast	3000	2850	4310	1305	6	6
2-Free Mast	3500	3100	4810	1555	6	6
2-Free Mast	4000	3350	5310	1805	6	6
3-Free Mast	4500	2950	5950	1540	3	6
3-Free Mast	4800	3050	6250	1640	3	6
3-Free Mast	5000	3116	6451	1707	3	6
3-Free Mast	5500	3283	6949	1873	3	6
3-Free Mast	6000	3450	7450	2040		
3-Free Mast	6500	3616	7951	2207		
3-Free Mast	7000	3783	8449	2373		

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	Dimensions of 1520mm - standard fork type (Center of Load 600mm) Dimensions of 1820mm - standard fork type (Load center distance 900mm) Other length forks Customized attachments
Fork carriage width option	Standard fork carriage width (2130mm) 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
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

ITEM	OPTIONS (optional items marked in yellow)
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
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
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
Engine	Customized Cummins QSB3.9 Mitsubishi S6S-DT
Fork backrest	Customized No
Attachments-fork type	Forkpositioner with pin type forks Forkpositioner with sideshift : Forks with terminal west Forkpositioner with sideshift : Roller guiden forks