

# INTERNAL COMBUSTION FORKLIFT



WIDE VIEW MAST	Mast model	Max. lifting height (mm)	Load capacity (kg) (load center 500mm)	Mast overall height (mm)	Mast tilting angle <sup>o</sup> (front/rear)	
			5.0S Ton	5.0S Ton		
	M300	3000	4750	2330	6/12	
	M330	3300	4750	/	6/12	
	M350	3500	4750	2580	6/12	
	M400	4000	*4250 4500	2880	6/6	
	M450	4500	*4000 4250	3130	6/6	
	M500	5000	*3600 4000	3380	6/6	
	M550	5500	*3150 3700	/	3/6	
	M600	6000	*2500 3300	3930	3/6	

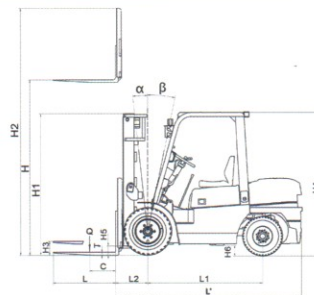
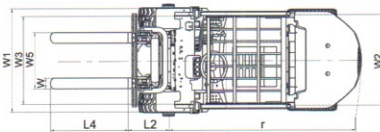
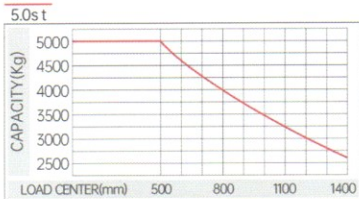
  

WIDE VIEW FULL FREE 2-STAGE MAST	Mast model	Max. lifting height (mm)	Load capacity (kg) (load center 500mm)	Mast overall height (mm)	Free lifting height (with backrest)	Mast tilting angle <sup>o</sup> (front/rear)
			5.0S Ton	5.0S Ton	5.0S Ton	
	ZM300	3000	4750	2380	1145	6/12
	ZM330	3300	4750	2530	1295	6/12
	ZM350	3500	4750	2630	1395	6/12
	ZM400	4000	*4250 4500	2930	1695	6/12
	ZM450	4500	*3900 4200	3180	1945	6-6
	ZM500	5000	*3500 3900	3430	2195	6/6

WIDE VIEW FULL FREE 3-STAGE MAST	Mast model	Max. lifting height (mm)	Load capacity (kg) (load center 500mm)	Mast overall height (mm)	Free lifting height (with backrest)	Mast tilting angle <sup>o</sup> (front/rear)
			5.0S Ton	5.0S Ton	5.0S Ton	
	SM360	3600	4750	2080	840	6-6
	SM400	4000	4750	2213	974	6-6
	SM420	4200	*4500	2280		6-6
	SM435	4350	*4300 4500	2330	1090	6-6
	SM450	4500	*4000 4100	2380	1140	6-6
	SM480	4800	*3700 3900	2480	1240	6-6
	SM500	5000	*3400 3700	2547	1307	3-6
	SM550	5500	*3100 3400	2713	1474	3-6
	SM600	6000	*2700 3100	2930	1690	3-6

- (1) \*Refers to the load capacity of forklift with single tyre;
- (2) Free lifting height (without backrest): 5.0s Ton: +465 mm



Technical datas						
		Model		CPC50SK		CPCD50SK
General	1.01	Rated capacity	Q	Kg	5000	
	1.02	Load center distance	C	mm	500	
	1.03	Power type			Diesel	
	1.04	Driving type			Seated	
	1.05	Wheel base	L1	mm	2100	
Tyres	2.01	Tyre type			Pneumatic	
	2.02	Wheel number (front/rear)			2X / 2	
	2.03	Front tread	W3	mm	1180	
	2.04	Rear tread	W2	mm	1190	
	2.05	Tyre (front)			300-15-18PR	
	2.06	Tyre (rear)			7.00-12-12PR	
Size	3.01	Front overhang	L2	mm	550	565
	3.02	Mast tilting angle, front/rear	a/β	°	6°/12°	
	3.03	Height with mast retraction	H1	mm	2330	
	3.04	Free lifting height	H3	mm	140	
	3.05	Max. lifting height	H	mm	3000	
	3.06	Max. height after lifting	H2	mm	4280	
	3.07	Overall guard height	H4	mm	2245/2345	
	3.08	Fork size: length x width x thickness	L x W x T	mm	1220 x 150 x 50	
	3.09	Overall length (fork excluded)	L'	mm	3110	
	3.10	Overall width	W1	mm	1480	
	3.11	Turning radius	r	mm	2740	
	3.12	Ground clearance of mast	H5	mm	160	
	3.13	Ground clearance of wheel base center (loaded)	H6	mm	200	
	3.14	Lateral fork adjustment Max./Min.	W5	mm	1370/300	
Performance	4.01	Travelling speed (loaded/unloaded)		km/h	18/19	
	4.02	Lifting speed (loaded/unloaded)		mm/s	450/480	400/450
	4.03	Lowering speed (loaded/unloaded)		mm/s	520/480	350/400
	4.04	Gradeability (loaded/unloaded)		%	15	18/20
	4.05	Max. traction force (loaded/unloaded)		N	21/20	
Weight	5.01	Total weight		Kg	6400	6280
	5.02	Axle load (unloaded), front/rear		Kg	2550/3850	2630/3770
	5.03	Axle load (loaded), front/rear		Kg	9780/1120	9540/1360
Combustion engine	6.01	Engine manufacturer /Model			MITSUBISHI S6S	
	6.02	Rated power /Speed		Kw/rpm	52/2300	
	6.03	Max. torque /Speed		Nm/rpm	248/1700	
	6.04	Cylinder number -bore×stroke			6-94×120	
	6.05	Engine displacement		L	4.966	
	6.06	Emission			Stage IIIB	
Transmission	7.01	Transmission gears (front/rear)			3-2 Manual Shift	2-1 Power Shift
	7.02	Fuel tank capacity		L	80	
Additional data	8.01	Service brake / parking brake			Hydraulic/Mechanical	
	8.02	Hydraulic system working pressure		Mpa	20	

5.0s Ton Diesel Forklift Optional Engines					
Engine Model	Rated power/speed (kw/rpm)	Rated Torque/speed (Nm/rpm)	Engine Displacement	Cylinder number Bore x Stroke	Emission Standard
MITSUBISHI S6S-T	63.9/2300	285/1700	4.966	6-94×120	Stage IIIA
MITSUBISHI S6S	52/2300	248/1700	4.966	6-94×120	Stage IIIB
ISUZU 6BG1QC-02	82.4/2000	416.8/1500	6.494	6-105×125	Stage II
KOHLER 2504TCR	55.4/2600	300/1500	2.482	4-88×102	Euro IIIB/EPAT4F
CUMMINS QSF2.8-C72T4	55/2200	300/1600	2.8	4-94×100	Euro IIIB/EPAT4F
CUMMINS F3.8	55/2200	400/1300	3.8	4-102×115	EPA Tier4F/EU Stage V