

V8

V2205.01



V8

Excellent Performances & Reliability

DF50V8 - DF100V8

V8 DIESEL FORKLIFT 5.0/ 6.0/ 7.0/ 8.0/ 10.0 TON

DF50/60/70V8

V8 series 5.0-7.0t forklift specification:

General	1	Manufacture															
	2	Model			DF50V8	DF60V8	DF70V8	DF50V8	DF60V8	DF70V8							
	3	Power type															
Characteristics & Dimensions	4	Rated capacity		Kg	5000	6000	7000	5000	6000	7000							
	5	Load center		mm	600												
	6	Lift height		mm	3000												
	7	Free lift height		mm	130												
	8	Fork size		LxWxT	mm	1220x150x55	1220x150x60	1220x150x65	1220x150x55	1220x150x60	1220x150x65						
	9	Mast tilt range		F/R	deg	6/12											
	10	Fork overhang(wheel center to fork face)		mm	635												
	11	Rear overhang		mm	700	810	770	700	770	770							
	12	Overall dimensions	Length to face of fork		mm	3480	3590	3590	3480	3590	3590						
	13		Overall width		mm	1995											
	14		Mast lowered height		mm	2510											
	15		Mast extended height		mm	4429											
	16		Overhead guard height		mm	2430											
	17	Turning radius(outside)		mm	3330	3480	3480	3330	3440	3480							
	18	Minimum rectangular aisle width.		mm	4068	4218	4218	4068	4218	4218							
	Performance	19	Speed		Travel (No load)	Km/h						26					
		21			Lifting (Full load)	mm/sec						500/380	500/340	500/330	500/380	500/380	500/380
		22	Max.Drawbar Pull (Full load)		N	42000	42000	52000	42000	42000	52000						
23		Max.Gradeability (Full load)		%	20												
Chassis	24	Tyres		Front	mm						8.25-15-14PR						
	25			Rear	mm						8.25-15-14PR						
	26	Tread		Front	mm						1470						
	27			Rear	mm						1700						
	28	Wheelbase		mm	2250												
	29	Ground clearance		Mast (No/Full load)	200/160												
30			Frame (No/Full load)	240/200													
Weight	31	Self weight		Kg	8000	8650	9050	8000	8650	9050							
	32	Weight Distribution	Full load		Front	10660	12452	13642	10660	12452	13642						
	33				Rear	2340	2198	2028	2340	2198	2028						
	34		No load		Front	2800	3028	3168	2800	3028	3168						
	35				Rear	5200	5622	5882	5200	5622	5882						
Power & transmission	36	Battery		Voltage/Capacity	V/AH						24/80						
	37			Modal	S6S-T				6BG1								
	38			Manufacture	Mitsubishi				ISUZU								
	39			Rated output/r.p.m	kw				63.9/2300				82.3/2000				
	40			Rated torque/r.p.m	N.m				285/1700				416/1400-1600				
	41			No.of cylinder	6				6								
	42			BorexStroke	mm				94*120				105/125				
	43			Displacement	cc				4996				6494				
	44			Fuel tank capacity	L				140				140				
	45			Manufacture	OEM												
	46	Transmissions		Type	Powershift												
	47			Stage	FWD/RVS		2/2										
48	Operating pressure		Mpa	19													

1.Special lifting height available for further information please contact us. 2.Attachment available.

3.The specification in the table are for standard models only. For further information please contact us.

4.Specification are subject to change without notice.

DF80/100V8

V8 series 8.0-10.0t forklift specification:

General				DF80V8	DF100V8	DF80V8	DF100V8	DF80V8	DF100V8
1	Manufacture								
2	Model			DF80V8	DF100V8	DF80V8	DF100V8	DF80V8	DF100V8
3	Power type			Diesel					
4	Rated capacity	Kg		8000	10000	8000	10000	8000	10000
5	Load center	mm		600					
6	Lift height	mm		3000					
7	Free lift height	mm		200					
8	Fork size	LxWxT	mm	1520x160x75	1520x160x80	1520x160x75	1520x160x80	1520x160x75	1520x160x80
9	Mast tilt range	F/R	deg	6/12					
10	Fork overhang(wheel center to fork face)	mm		728					
11	Rear overhang	mm		680	700	680	700	680	700
12	Overall dimensions	Length to face of fork	mm	3950	4250	3950	4250	3950	4250
13		Overall width	mm	2245					
14		Mast lowered height	mm	2850					
15		Mast extended height	mm	4420					
16		Overhead guard height	mm	2560					
17	Turning radius(outside)	mm		3700	4050	3700	4050	3700	4050
18	Minimum rectangular aisle width.	mm		4580	4950	4580	4950	4580	4950
19	Speed	Travel (No load)	Km/h	25					
21		Lifting (Full load)	mm/sec	480/350	390/340	480/350	390/340	480/350	390/340
22	Max.Drawbar Pull (Full load)	N		58000	61000	58000	61000	58000	61000
23	Max.Gradeability (Full load)	%		20					
24	Tyres	Front	mm	4x900-20-14PR					
25		Rear	mm	2x900-20-14PR					
26	Tread	Front	mm	1600					
27		Rear	mm	1700					
28	Wheelbase	mm		2500	2800	2500	2800	2500	2800
29	Ground clearance	Mast (No/Full load)		240/190					
30		Frame (No/Full load)		350/340					
31	Self weight	Kg		11050	12900	11050	12900	11050	12900
32	Weight	Full load	Front	17200	20900	17200	20900	17200	20900
33			Rear	1850	1960	1850	1960	1850	1960
34	Distribution	No load	Front	4900	6260	4900	6260	4900	6260
35			Rear	6150	6640	6150	6640	6150	6640
36	Battery	Voltage/Capacity	V/AH	24/80					
37	Engine	Modal		6BG332		QSF3-8		6BG1	
38		Manufacture		CHAO CHAI		Cummins		ISUZU	
39		Rated output/r.p.m	kw		85/2200		86/2200		82.3/2000
40		Rated torque/r.p.m	N.m		450/1400-1800		470/1320		416/1400-1600
41		No.of cylinder			6		4		6
42		BorexStroke	mm		102x118		102x115		105x125
43		Displacement	cc		5785		3757		6494
44		Fuel tank capacity	L		160		160		160
45	Manufacture			OEM					
46	Transmissions	Type		Powershift					
47		Stage	FWD/RVS		2/2				
48	Operating pressure	Mpa		20.5					

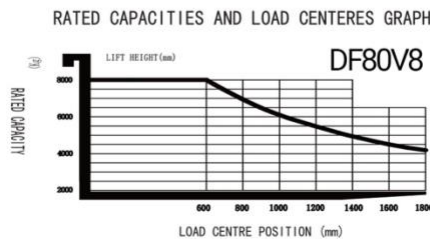
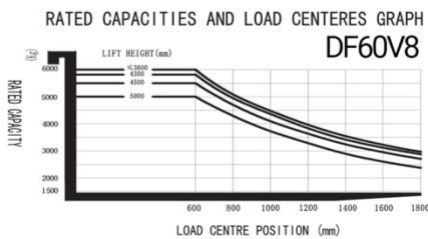
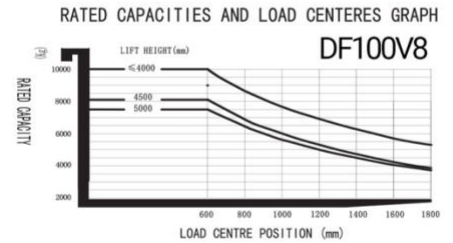
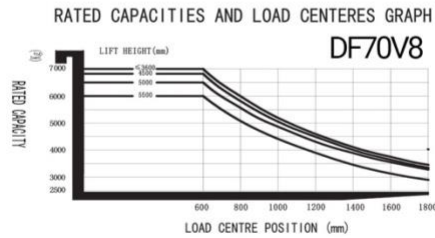
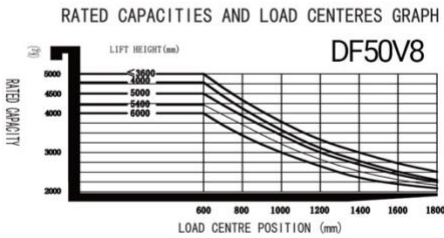
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5.0/6.0/7.0t V8 series mast: (pneumatic)

Type	Model	Max. fork height	Overall height			Free lift		Front Overhang	Tilt range		Capacity		
			Lowered	Extended		Without backrest	With backrest		FWD	BWD	Load capacity at 600 mm		
				mm	mm						mm	mm	5.0t
Wide view mast	2W300	3000	2510	4000	4430	130	130	635	6	12	5000	6000	7000
	2W330	3300	2660	4200	4730	130	130	635	6	12			
	2W350	3500	2760	4500	4930	130	130	635	6	12			
	2W400	4000	3020	5000	5430	130	130	635	6	12			
	2W450	4500	3310	5500	5930	130	130	635	6	6			
	2W500	5000	3560	6000	6430	130	130	635	6	6			
Wide view full 2-stage mast	2F300	3000	2460	4000	4430	1545	1090	635	6	12	5000	6000	—
	2F330	3300	2610	4300	4730	1695	1240	635	6	12			
	2F350	3500	2710	4500	4930	1795	1340	635	6	12			
	2F400	4000	3010	5000	5430	2095	1640	635	6	12			
Wide view full 3-stage mast	3F450	4500	2650	5070	5750	1740	1285	680	6	6	4500	5500	6500
	3F480	4800	2765	5375	6050	1845	1390	680	6	6			
	3F500	5000	2830	5575	6250	1910	1455	680	3	6			
	3F540	5400	2965	6150	6830	2045	1590	680	3	6			
	3F600	6000	3165	6570	7250	2245	1790	680	3	6			

8.0/10.0t V8 series mast: (pneumatic)

Type	Model	Max. fork height	Overall height			Free lift		Front Overhang		Tilt range		Capacity	
			Lowered	Extended	With backrest	Without backrest	With backrest	8.0t	10.0t	FWD	BWD	Load capacity at 600 mm	
												mm	mm
Wide view mast	2W300	3130	2920	4310	210	210	728	728	6	12	8000	10000	
	2W330	3430	3070	4610	210	210	728	728	6	12			
	2W350	3630	3170	4810	210	210	728	728	6	12			
	2W400	4130	3470	5310	210	210	728	728	6	12			
	2W450	4630	3720	5810	210	210	728	728	6	12			
	2W500	5130	3970	6310	210	210	728	728	6	6			
Wide view full 3-stage mast	2W550	5630	4270	7035	210	210	728	728	6	6	7200	8500	
	3F450	4530	2900	5875	1580	1580	768	768	6	6	7200	7800	
	3F480	4830	3000	6175	1680	1680	768	768	6	6	7000	7650	
	3F500	5030	3065	6375	1745	1745	768	768	6	6	6300	7500	
	3F550	5530	3255	6775	1935	1935	768	768	3	6	6500	7200	
	3F600	6030	3455	7375	2135	2135	768	768	3	6	6000	6000	



V8 series 5.0-7.0t forklift



V8 series 8.0-10.0t forklift

