

# Big yellow

SELECTION BEYOND COMPROMISE

## FD<sup>25</sup> forklift truck

Powerful Engine Options  
Intelligent Buffering System  
Energy Saving Control System  
Intelligent Safety System  
Environmental Policy Compliant  
Easy Maintenance



FD SERIES  
**un**  
—*technology*

Manufactured under stringent  
American design and process

### BIG YELLOW SELECTION

*Highly Discipline selection process anchored on  
reliability, functionality, efficiency, value for money,  
quality, relevant innovation and aesthetic value*

# MAIN SPECIFICATIONS

General		Manufacturer		<b>Big yellow</b>							
		Model		FD20T-F	FD25T-F	FD20T-JB	FD25T-JB	FD20T-JC	FD25T-JC	FD25T-JE	
				(FD20-F)	(FD25-F)	(FD20-JB)	(FD25-JB)	(FD20-JC)	(FD25-JC)	(FD25-JE)	
Power Type				Diesel							
Rated Load Capacity		kg	2000	2500	2000	2500	2000	2500	2500		
Load Centre		mm	500								
Rated Lift Height		mm	3000		3000		3000		3000		
Free Lift Height		mm	140		140		140		140		
Fork Size		L x W x T	1070 x 125 x 40								
Mast Tilt Angle		F/R (α°/β°)	6°/12°		6°/12°		6°/12°		6°/12°		
Fork Overhang (Wheel Center to Fork Face)		mm	473		473		473		473		
Rear Overhang		mm	520		520		520		520		
Ground Clearance (Bottom of Mast)		mm	130		130		130		130		
Overall Dimensions		Length to Face of Fork (Without Fork)	2643		2643		2643		2643		
		Overall Width	1150		1150		1150		1150		
		Mast Lowered Height	2045		2045		2045		2045		
		Mast Extended Height (With Backrest)	4145		4145		4145		4145		
		Overhead Guard Height	2215		2215		2215		2215		
Turning Radius (Outside)		mm	2365		2365		2365		2365		
Min. Right Angle Stacking Aisle Width (And Load Length and Clearance)		mm	1940	2010	1940	2010	1940	2010	2010		
Speed		Travel (No Load)	19		19		19		19		
		Lifting (Full Load)	510		510		510		510		
		Lowering (Full Load)	450		450		450		450		
Max. Drawbar Pull (Full Load)		kN	17(14.5)		17(14.5)		17(14.5)		17(14.5)		
Max. Gradeability (Full Load)		%	20								
Tyres		Front	7.00-12-12PR								
		Rear	6.00-9-10PR								
Tread		Front	970		970		970		970		
		Rear	980		980		980		980		
Wheelbase		mm	1650		1650		1650		1650		
Total Weight		kg	3450	3620	3450	3620	3450	3620	3620		
Weight Distribution		Full Load	Front	4856	5372	4856	5372	4856	5372	5372	
			Rear	594	748	594	748	594	748	748	
		No Load	Front	1507	1492	1507	1492	1507	1492	1492	
			Rear	1943	2128	1943	2128	1943	2128	2128	
Battery		Volatge / Capacity		V/Ah		12/90					
Engine		Model		C490BPG (EuIII)		C240PKJ30 (EuIII)		4TNE92(EuIII & EPAIII)		4TNE98(EuIII & EPAIII)	
		Manufacturer		XINCHAI		ISUZU		YANMAR		YANMAR	
		Rated Output / r.p.m.		kw		37/2650		34.5/2500		33/2450	44.4/2300
		Rated Torque / r.p.m.		N•m		148/1800-1900		139/1800		150/1600	187-207/1700
		No. of Cylinder				4		4		4	4
		Bore x Stroke		mm		90 x 100		86 x 102		92 x 110	98 x 110
		Displacement		cc		2540		2369		2659	3318
Fuel Tank Capacity		L		50		50		50	50		
Transmission		Type		Powershift (Manual)		Powershift (Manual)		Powershift (Manual)		Powershift (Manual)	
		Stage	FWD/RVS		1/1(2/2)		1/1(2/2)		1/1(2/2)	1/1(2/2)	
Operating Pressure (For Attachments)		Mpa	17.5		17.5		17.5		17.5		

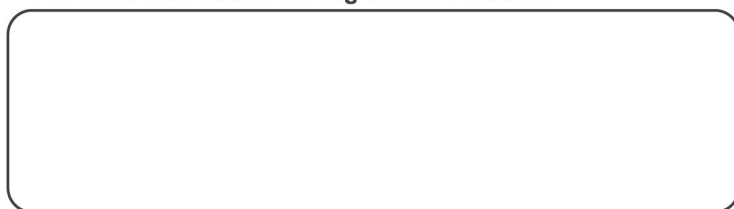
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\*Specifications and characteristics are subject to change without notice.

**For more information on Big Yellow Products:**





## MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Maximum Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single) (F/R)	Tilt Angle (Double) (F/R)	Total Weight (kg)	
							Lowered	Extended		Without Backrest	With Backrest			Without Backrest	With Backrest
			Without Backrest	With Backrest	2.0t/2.5t			2.0t/2.5t							
			FD20/FD20T (Single)	FD20/FD20T (Double)	FD25/FD25T (Single)	FD25/FD25T (Double)	2.0t/2.5t		2.0t/2.5t		FD20/FD20T			FD25/FD25T	
Wide View Mast	M200	2000	2000		2500		1545	2665	3145	140	140	6-12		3370	3540
	M250	2500	2000		2500		1795	3165	3645	140	140	6-12		3410	3590
	M300	3000	2000		2500		2045	3665	4145	140	140	6-12		3450	3620
	M330	3300	2000		2500		2195	3965	4445	140	140	6-12		3475	3645
	M350	3500	2000		2500		2295	4165	4645	140	140	6-12		3490	4660
	M370	3700	2000		2500		2395	4365	4865	140	140	6-6		3500	3675
	M400	4000	2000		2450		2595	4665	5145	140	140	6-6	*6-12	3530	3705
	M430	4300	1850		2150		2720	4915	5395	140	140	6-6	*6-12	3550	3730
	M450	4500	1800	*1900	2000	*2400	2840	5165	5645	140	140	6-6	*6-12	3570	3760
	M470	4700	1450	1850	1750	2050	2940	5365	5845	140	140	6-6	*6-12	3590	3780
	M500	5000	1300	*1700	1600	*2100	3145	5665	6145	140	140	6-6	*6-6	3610	3800
	M550	5500	1100	*1500	1350	*1700	3395	6165	6645	140	140	3-6	*3-6	3650	3850
M600	6000	950	*1300	1050	*1500	3645	6665	7145	140	140	3-6	*3-6	3690	3900	
2-Stage Full Free Wide View Mast	FM250	2500	2000		2500		1795	3175	3660	1215	680	6-12		3460	3595
	FM300	3000	2000		2500		2045	3675	4160	1465	930	6-12		3490	3635
	FM330	3300	2000		2500		2195	3975	4460	1615	1080	6-12		3515	3655
	FM350	3500	2000		2500		2295	4175	4660	1715	1180	6-12		3530	3670
	FM370	3700	2000		2500		2395	4375	4860	1815	1285	6-6		3545	3690
	FM400	4000	2000		2500		2595	4675	5160	2065	1535	6-6	*6-12	3570	3725
3-Stage Full Free Wide View Mast	TFM430	4300	1850	*1900	2200	*2400	2010	5030	5510	1475	940	6-6	*6-6	3590	3890
	TFM450	4500	1700	*1800	2000	*2300	2120	5180	5660	1515	980	6-6	*6-6	3600	3910
	TFM470	4700	1600	*1750	1900	*2200	2160	5380	5860	1565	1030	6-6	*6-6	3630	3930
	TFM500	5000	1400	*1600	1500	*2000	2260	5680	6160	1665	1130	6-6	*6-6	3670	3980
	TFM550	5500	1100	*1500	1200	*1800	2440	6080	6560	1865	1330	3-6	*3-6	3710	4020
	TFM600	6000	800	*1400	850	*1600	2660	6680	7160	2065	1530	3-6	*3-6	3750	4065

NOTE: 1. With side shifter, load capacity subtract 200kg. 2. \*(Asterisk) is for double front wheels model.