

MAXIMAL FORKLIFT



M SERIES

1.0 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5t
Diesel Forklift (Chinese Engine)

R&R Forklift Inc *"The Forklift Parts Specialists"*

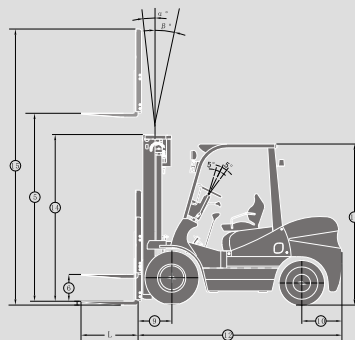
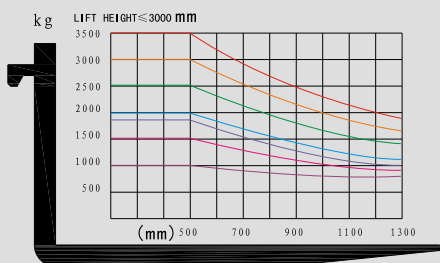


MAXIMAL FORKLIFT SPECIFICATION

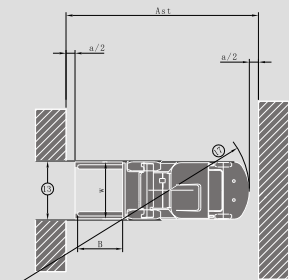
M series 1.0-3.5t diesel forklift specification

General	1	Model			FD10T-MGI3	FD15T-MGI3	FD18T-MGI3	FD20T-MGA3	FD25T-MGA3	FD30T-MGA3	FD30T-MGE3	FD35T-MGE3
	2	Power Type			Diesel							
	3	Rated Capacity		kg	1000	1500	1800	2000	2500	3000	3000	3500
	4	Load Centre		mm	500							
Characteristic&Dimension	5	Lift height		mm	3000							
	6	Free Lift Height		mm	120					145	145	150
	7	Fork size	L×W×T	mm	920×100×35	920×100×35	920×100×38	1070×122×40	1070×122×40	1070×125×45	1070×125×45	1070×125×50
	8	Mast tilt angle	F/R	Deg	6°/12°							
	9	Fork overhang (Wheel center to fork face)		mm	420			460	460	475	475	475
	10	Rear Overhang		mm	420	460	495	440	505	525	525	550
	11	Ground clearance (Bottom of mast)		mm	110			140	140	145	145	145
	12	Overall demensions	Length to face of fork (Without fork)	mm	2250	2280	2310	2500	2565	2700	2700	2725
	13		Overall width	mm	1080			1150	1150	1225	1225	1225
	14		Mast lowered height	mm	1995			2045	2045	2090	2090	2160
	15		Mast extended height (With backrest)	mm	3960			4000	4000	4140	4140	4180
	16		Overhead guard height	mm	2060			2070	2070	2090	2090	2090
	17	Turning radius (outs ide)		mm	1995	2040	2075	2180	2250	2430	2430	2450
	18	Min.right angle stacking aisle width (add load length and clearance)		mm	1800	1825	1857	1940	2010	2140	2140	2160
Performance	19	Speed	Travel (NO load)	km/h	14.5			19				
	20		Lifting (Full load)	mm/s	560			540	540	430	430	400
	21		Lowering (Full load)	mm/s	450							
	22	Max.Drawbar pull (Full load)		kn	17(14.5)			17(14.5)	17(14.5)	16(15.7)	24(19.5)	24(19.5)
	23	Max.Gradeability (Full load)		%	20			20	20	20	20	18
Power&Transmission	24	Self weight		kg	2340	2590	2800	3450	3620	4310	4310	4750
	25	Battery	Voltage/Capacity	V/Ah	12/90			12/100				
	26	Engine	Model		NB 485B P/G			490BPG (STANDARD / EUⅢ)			498B PG	
	27		Manufacture		XINCHAI			XINCHAI			XINCHAI	
	28		Rated output/r.p.m.	kw	30/2600			37/2650			45/2550	
	29		Rated torque/r.p.m.	N·m	131/1800			148/1800-1900			195/1600-1800	
	30		No.of cylinder		4							
	31		Fuel tank capacity	L	50			60	60	70	70	70
	32	Transmission	Type		Powershift							
	33		FWD/RVS		1/1							
	34	Operating pres sure (For attachments)		Mpa	14.5			17.5				

Load Chart



a=200 mm safety clearance
 $AST = a + \sqrt{\frac{W^2}{B^2 + 2L^2}}$



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