

# MAXIMAL FORKLIFT



## M SERIES

1.0 / 1.5 / 1.8t  
Diesel Forklift

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

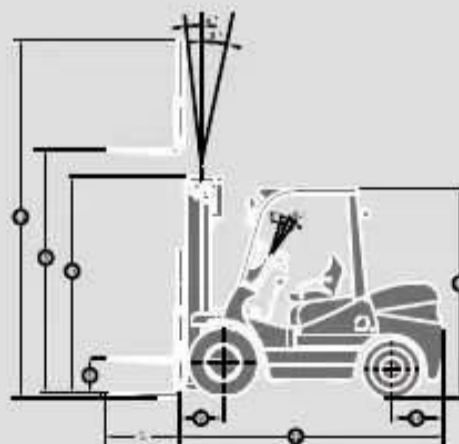
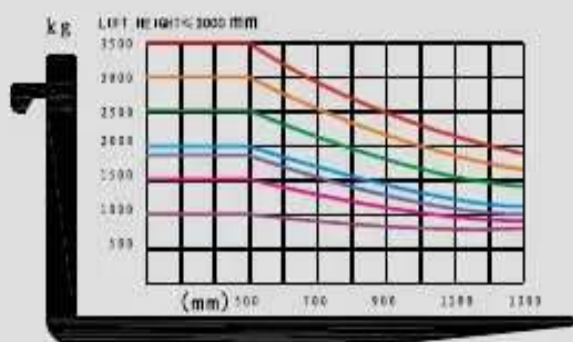


# MAXIMAL FORKLIFT SPECIFICATION

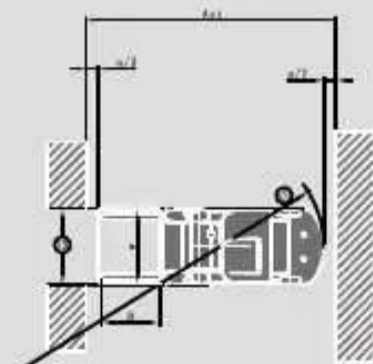
## M series 1.0-1.8t diesel forklift specification

1		Model	FD 10T-MWA3	FD 15T-MWA3	FD 18T-MWA3	FD 10T-MWC3	FD 15T-MWC3	FD 18T-MWC3		
General	2	Power Type	Diesel							
	3	Rated Capacity	kg	1000	1500	1800	1000	1500	1800	
	4	Load Centre	mm	500						
	5	Lift height	mm	3000						
Characteristic & Dimension	6	Free Lift Height	mm	120						
	7	Fork size	L*W*T	920*100*35	920*100*35	920*100*38	920*100*35	920*100*35	920*100*38	
	8	Mast tilt angle	F/R	6°/12°						
	9	Fork overhang (Wheel center to fork face)	mm	420						
	10	Rear Overhang	mm	420	460	495	420	460	495	
	11	Ground clearance (Bottom of mast)	mm	110						
	12	Overall Dimensions	Length to face of fork (Without fork)	mm	2250	2280	2310	2250	2280	2310
	13		Overall width	mm	1080					
	14		Mast lowered height	mm	1995					
	15		Mast extended height (With backrest)	mm	3960					
	16	Overhead guard height	mm	2060						
	17	Turning radius (outside)	mm	1995	2040	2075	1995	2040	2075	
	18	Min. right angle stacking aisle width (add load length and clearance)	mm	1800	1825	1857	1800	1825	1857	
Performance	19	Speed	Travel (No load)	km/h						14.5
	20		Lifting (Full load)	mm/s						560
	21		Lowering (Full load)	mm/s						450
22	Max. Drawbar pull (Full load)	kn	20.5 (17.5)			21 (18)				
23	Max. Gradeability (Full load)	%	20							
24	Self weight	kg	2340	2590	2800	2340	2590	2800		
Power & Transmission	25	Battery	Voltage/Capacity	V/Ah						12/90
	26	Engine	Model	C240PKJ (EU II / EU III)			4TNE92 (EU III)			
	27		Manufacture	ISUZU			YANMAR			
	28		Rated output/r.p.m.	kw	34.5/2500			33/2450		
	29		Rated torque/r.p.m.	N*m	139/1800			150/1600		
	30		No. of cylinder		4					
	31		Fuel tank capacity	L	50					
	32	Transmission	Type	Powershift						
	33		Stage	FWD/RVS	1/1					
	34	Operating pressure (For attachments)	Mpa	14.5						

Load Chart



a=200 mm safety clearance  
 $AST = a + \sqrt{w^2 + (B/2)^2}$



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