

Technical sheet :

MI 30 D



	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		MI 30 D
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	3000 kg
1.6	Load centre of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	480 mm
1.9	Wheelbase	y	1700 mm
	Weight		
2.1	Service weight		4610 kg
2.2	Weight on front axle (laden) / rear axle (laden)		6650 kg / 960 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1860 kg / 2750 kg
	Wheels		
3.1	Tyres type		PPS
3.2	Dimensions of front wheels		28-9-15 12
3.3	Dimensions of rear wheels		6.50-10 10
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	1005 mm
3.7	Rear wheel gauge	b11	975 mm
	Dimensions		
4.1	Tilt of Mast Forward (deg) / Backward (deg)	α / β	6 / 12
4.7	Height of overhead guard (cabin)	h6	2130 mm
4.8	Seat height/stand height	h7	1215 mm
4.12	Height of towing bar (coupling height)	h10	355 mm
4.19	Overall length	l1	3875 mm
4.20	Length to face of forks	l2	2715 mm
4.21	Overall width	b1	1225 mm
4.22	Forks section / width / length	s / e / l	45 mm x 122 mm / 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	1100 mm
4.31	Ground clearance below mast	m1	130 mm
4.32	Ground clearance at centre of wheelbase	m2	200 mm
4.33	Aisle width for 1000 x 1200 pallet widthways	Ast	4140 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4340 mm
4.35	Turning radius	Wa	2460 mm
4.36	Internal turning radius (over tyres)	b13	160 mm
	Performances		
5.1	Travel speed (laden / unladen)		18 km/h / 18.5 km/h
5.2	Lifting speed (laden / unladen)		0.45 m/s / 0.52 m/s
5.3	Lowering speed (laden / unladen)		0.43 m/s / 0.48 m/s
5.5	Drawbar pull (Laden / Unladen)		1600 daN / 1380 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	Engine		
7.1	Engine brand / model / norm		Yanmar / 4TNV94L-BXPHZ / Stage III A
7.2	Engine power according to ISO 1585		35 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 3054 cm ³
7.5	Fuel consumption according to VDI cycle		3.56 l/h
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		160 Bar
8.3	Oil flow rate for attachments		69 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 84 dB(A)

Free Lift Triplex		FLT 43	FLT 45	FLT 47	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
Height at max capacity with integrated sideshift	mm	4000	4000	4000	4000				
Residual capacity without attachment (Industrial load chart)	kg	2950	2900	2800	2800	2500	1850	1400	1300
Residual capacity with integrated side shift (Industrial load chart)	kg	2850	2800	2700	2700	2400	1750	1300	1250
Height at max capacity Fork positioner + DL	mm	4000	4000						



Siège Social
430 rue de l'Aubinière - 44150 Ancenis Cedex - France
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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