Technical sheet :

MT 1840 HA

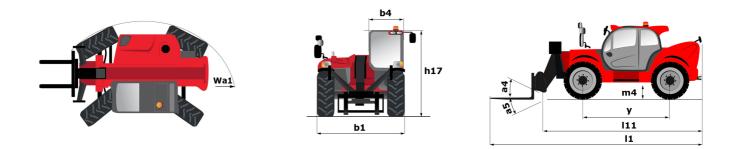




	МТ 1840 НА (мт 1840 на Created on 28 April 2024 at 01:38:45 UT	
Capacities		Metric	
Max. capacity		4000 kg	
Max. lifting height		17.55 m	
Max. outreach		13.08 m	
Breakout force with bucket		8390 daN	
Weight and dimensions			
Overall length to carriage	11	6.15 m	
Length to face of forks	12	6.27 m	
Overall width	b1	2.36 m	
Overall height	h17	2.45 m	
Wheelbase	у	3.07 m	
Ground clearance	m4	0.37 m	
Overall cab width	b4	0.89 m	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	114 °	
External turning radius (over tyres)	Wa1	3.94 m	
Unladen weight (with forks)		12680 kg	
Overall weight		12680 kg	
Tires type		Pneumatic	
Standard tires		Alliance 400/80 - 24 - 162A8	
Forks length / width / section	l / e / s	1200 mm x 125 mm / 50 mm	
Performances			
Lifting		14 s	
Lowering		14 s	
Extension		19 s	
Retraction		15 s	
Scoop		5 s	
Dump		5 s	
Engine			
Engine brand		Deutz	
Engine norm		Stage V	
Engine model		TCD 3.6	
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³	
I.C. Engine power rating - Power		100 Hp / 75 kW	
Max. torque / Engine rotation		410 Nm @ 1600 rpm	
Drawbar pull (Laden)		7350 daN	
Transmission		7000 dail	
Transmission type		Hydrostatic	
Number of gears (forward / reverse)		3 / 3	
Max. travel speed		24.90 km/h	
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs on front & rear axles	
Hydraulics			
Hydraulic pump type		Gear pump	
		167 l/min-250 bar	
Hydraulic flow / Pressure		107 I/IIIII-230 Dai	
Tank capacities		101	
Engine oil			
Hydraulic oil		1351	
Fuel tank		140	
DEF tank capacity		22.60 l	
Noise and vibration			
Noise at driving position (LpA)		79 dB	
Noise to environment (LwA)		106 dB	
Vibration on hands/arms		< 2.50 m/s²	
Miscellaneous			
Steering wheels (front / rear)		2/2	
Drive wheels (front / rear)		2/2	
Safety cab homologation		ROPS - FOPS level 2 cab	
Controls		JSM	
Additional information		Data indicated with basket basket, except max. capacity, lifting height and offset.	
		capacity, muny neight and oriset.	
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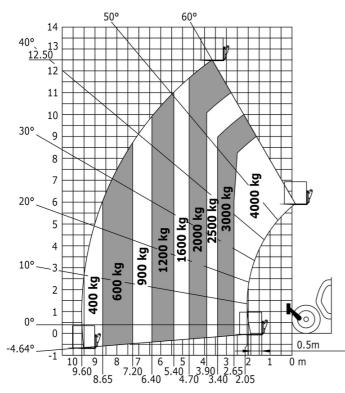
Data indicated with basket basket, except max. capacity, lifting height and offset.

MT 1840 HA - Dimensional drawing

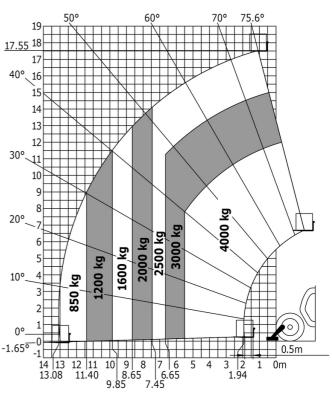


MT 1840 HA - Load chart

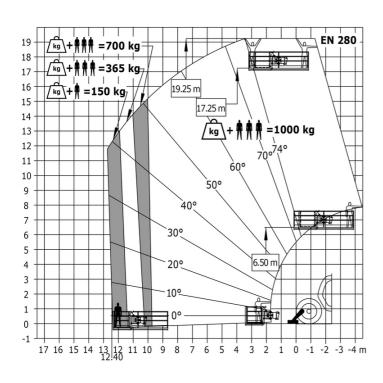
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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