

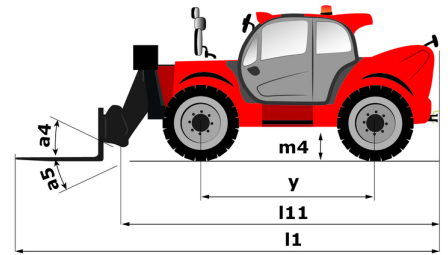
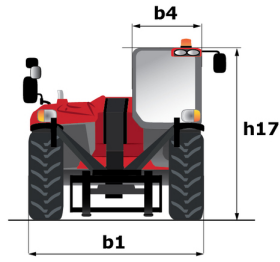
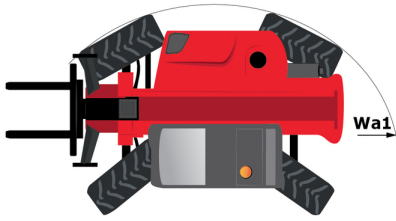
Technical sheet :

MT 1840 HA



Capacities		Imperial
Max. capacity	Q	8818 lb
Max. lifting height		57 ft 7 in
Maximum outreach		42 ft 11 in
Breakout force with bucket		8390 daN
Weight and dimensions		
Overall length to carriage	l11	20 ft 2 in
Length to face of forks	l2	20 ft 7 in
Overall width	b1	7 ft 9 in
Overall height	h17	8 ft
Wheelbase	y	10 ft 1 in
Ground clearance	m4	1 ft 3 in
Overall cab width	b4	2 ft 11 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	12 ft 11 in
Unladen weight (with forks)		26389 lb
Unladen weight (with man basket)		27844 lb
Tires type		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	47 in x 5 in x 2 in
Performances		
Lifting		14 s
Lowering		14 s
Extension		19 s
Retraction		15 s
Crowd		4 s
Dump		5 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6
Number of cylinders / Capacity of cylinders		4 - 221 in³
Engine power (Hp/kW)		100 Hp / 75 kW
Max. torque / Engine rotation		302 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		7350 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		3 / 3
Max. travel speed		16 mph
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		44 US gpm-3843 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		36 US gal
Diesel Exhaust fluid (AdBlue® type)		6 US gal
Fuel		37 US gal
Noise and vibration		
Noise at driving position (LpA)		79 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 8 ft/s²
Compatible platform		
Platform capacity	Q	2205 lb
Platform dimensions (length x width)	lp / ep	197 in x 47 in
Platform weight*		2271 lb
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

MT 1840 HA - Dimensional drawing





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