

Technical sheet :

# **MT 1840 HA ST5**

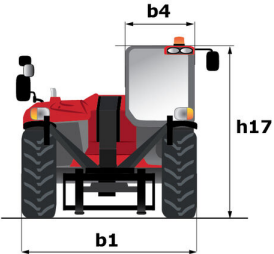
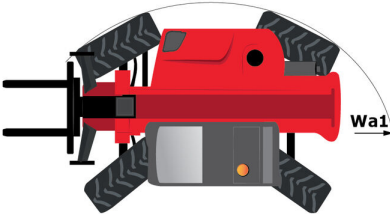
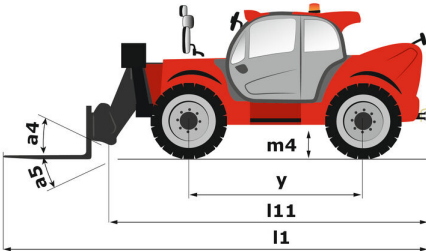
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Capacities		Imperial
Max. capacity		8818 lb
Max. lifting height		57 ft 7 in
Max. outreach		42 ft 11 in
Breakout force with bucket		8390 daN
Weight and dimensions		
Overall length to carriage	l11	20 ft 7 in
Overall width	b1	7 ft 11 in
Overall height	h17	8 ft 2 in
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	90 °
Tilt-down angle	a5	90 °
External turning radius (over tyres)	Wa1	12 ft 11 in
Unladen weight (with forks)		27955 lb
Tyres type		Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	47 in x 5 in / 2 in
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 - 221 in <sup>3</sup>
I.C. Engine power rating - Power (kW)		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		7350 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		3 / 3
Max. travel speed		15 mi/h
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		167 l/min / 3626 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		36 US gal
Fuel tank		37 US gal
DEF tank capacity		6 US gal
Noise and vibration		
Noise at driving position (LpA)		79 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM
Additional information		Data indicated with basket basket, except max. capacity, lifting height and offset.

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# MT 1840 HA ST5 - Dimensional drawing





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