Technical sheet:

MT 1840 A 100D ST5 S1

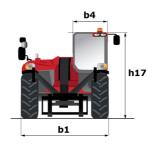


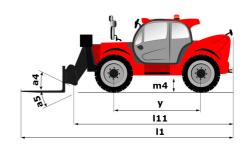


	MT 1840 A 100D ST5 S1 Cre	ated on July 31, 2025 at 12:09 AM UTC
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Maximum outreach		13.08 m
Breakout force with bucket		8391 daN
Weight and dimensions		0071 ddiv
Overall length to carriage	l11	6.15 m
Length to face of forks	12	6.27 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase		3.07 m
Ground clearance	y m4	0.37 m
Overall cab width	b4	0.89 m
		12 °
Tilt-up angle	a4	114 °
Tilt-down angle	a5	
External turning radius (over tyres)	Wa1	3.94 m
Unladen weight (with forks)		12650 kg
Overall weight		12400 kg
Tires type		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s	1200 mm x 125 mm x 50 mm
Performances		
Lifting		14 s
Lowering		14 s
Extension		19 s
Retraction		15 s
Scoop		5 s
Dump		5 s
Engine		Doub
Engine brand		Deutz Store V
Engine norm		Stage V
Engine model Number of adjudge / Conscitute adjudge		TCD 3.6 4 - 3621 cm ³
Number of cylinders / Capacity of cylinders		
I.C. Engine power rating - Power		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		8391 daN
Transmission Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Travel speed (laden)		25 km/h
Max. travel speed		24.90 km/h
Max. travel speed (may vary according to applicable regulations)		24.90 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		on miniciped mata dises on front a real axies
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		107 I/IIIII 270 Ddi
Engine oil		10
Hydraulic oil		135
Diesel Exhaust fluid (AdBlue® type)		22.60
Fuel tank		140 l
Noise and vibration		
Noise at driving position (LpA)		79 dB
Noise to environment (LWA)		106 dB
Vibration on hands/arms		< 2.50 m/s ²
Miscellaneous		~ 2.50 m/s
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)		2/2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM
OUHHUIS		JOIVI

MT 1840 A 100D ST5 S1 - Dimensional drawing





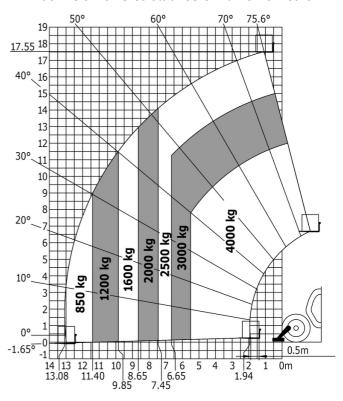


MT 1840 A 100D ST5 S1 - Load chart

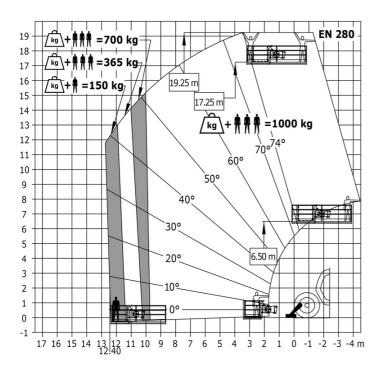
Machine on tires with forks - with levelling device Metric

14 40° 13 12 11 10 30° 9 8 7 20° 6 5 4 10° 3 2 0° 6 5 4 10° 3 2 0° 6 5 4 10° 3 2 0° 6 10° 3 2 10° 6 10° 3 2 10° 6 10° 7 10° 8 10° 7 10° 8

Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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