Technical sheet :

MT 1840 A 100D ST5 S1

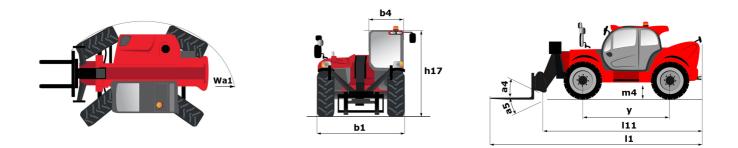




MT 1840 A 100D ST5 S1 Created on July 31, 2025 at 6:41 PM UTC

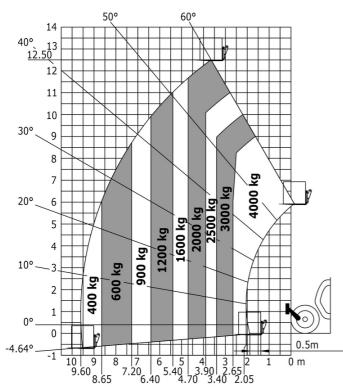
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.08 m
Breakout force with bucket	8391 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	l2 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	
Ground clearance	
	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)	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 5
	14 5
Extension	
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 cm³
I.C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	410 Nm @ 1600 pm
Drawbar pull (Laden)	8391 daN
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
	474 25 km/h
Travel speed (laden)	
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	
lydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-270 bar
Tank capacities	
Engine oil	10
Hydraulic oil	135
Diesel Exhaust fluid (AdBlue® type)	22.60
Fuel tank	140
Noise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
/ibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2 / 2
Cab certification	Cabin ROPS - FOPS level 2

MT 1840 A 100D ST5 S1 - Dimensional drawing

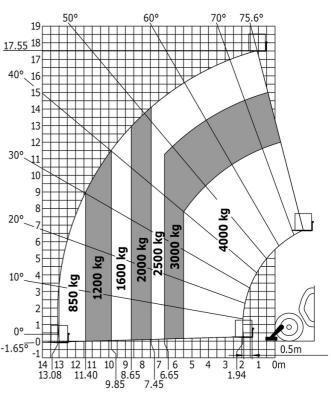


MT 1840 A 100D ST5 S1 - Load chart

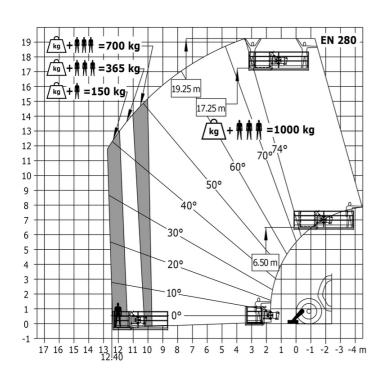
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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