Technical sheet :

## MT 1840 A 100D ST5 S1

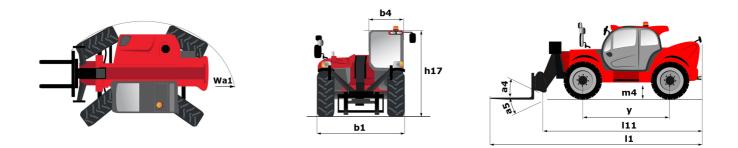




## **MT 1840 A 100D ST5 S1** Created on May 9, 2024 at 3:35:11 PM UTC

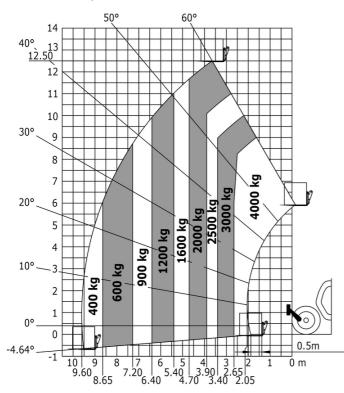
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	8391 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	l2 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	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
Jnladen weight (with forks)	12650 kg
Dverall weight	12400 kg
Tires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 125 mm / 50 mm
Performances	
	14.
.ifting	14 s
_owering 	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 <sup>3</sup>
.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
Fravel speed (laden)	25 km/h
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
Hydraulic flow / Pressure	167 l/min-270 bar
Fank capacities	
Engine oil	10
	1351
Hydraulic oil	
Fuel tank	1401
DEF tank capacity	22.60
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

## MT 1840 A 100D ST5 S1 - Dimensional drawing

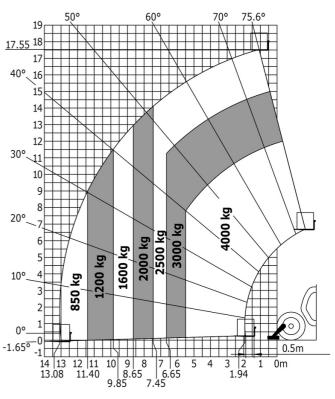


MT 1840 A 100D ST5 S1 - Load chart

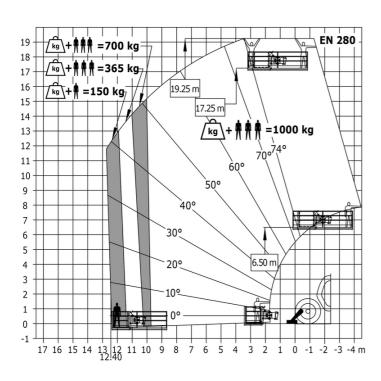
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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