Technical sheet:

MT 1840 A 100D ST5 S1

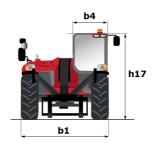


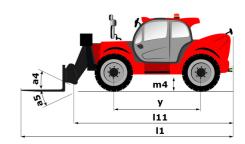


	MT 1840 A 100D ST5 S1 Created on August 1, 2025 at 8:51 PM	1010
Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	17.55 m	
Maximum outreach	13.08 m	
Breakout force with bucket	8391 daN	
Weight and dimensions		
Overall length to carriage	l11 6.15 m	
Length to face of forks	l2 6.27 m	
Overall width	b1 2.36 m	
Overall height	h17 2.45 m	
Wheelbase	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	
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		
Engine brand	Deutz	
Engine norm	Stage V	
Engine model	TCD 3.6	
Number of cylinders / Capacity of cylinders	4 - 3621 cm ³	
I.C. Engine power rating - Power	100 Hp / 75 kW	
Max. torque / Engine rotation	410 Nm @ 1600 rpm	
Drawbar pull (Laden)	8391 daN	
Transmission	0001 uaiv	
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 axl	20
Hydraulics	Oil-illilleisea illula-aises oil fiolit a leaf axi	. .
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 I/min-270 bar	
Tank capacities	107 I/IIIIIF270 Dai	
Engine oil	101	
Hydraulic oil	135 I	
Diesel Exhaust fluid (AdBlue® type)	22.60	
Fuel tank	140	
Noise and vibration	1401	
	79 dB	
Noise at driving position (LpA)		
Noise to environment (LwA)	106 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous Output wheels (forth (max))		
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

MT 1840 A 100D ST5 S1 - Dimensional drawing





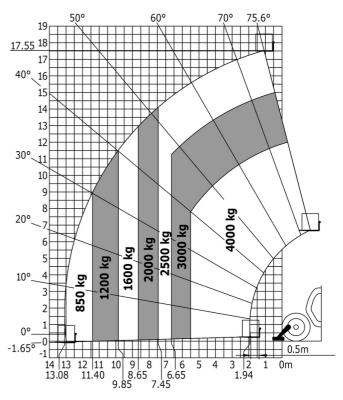


MT 1840 A 100D ST5 S1 - Load chart

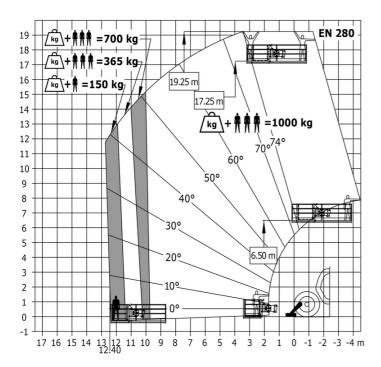
Machine on tires with forks - with levelling device Metric

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

Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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