Technical sheet:

MT 1840 ST5

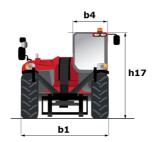


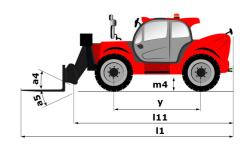


	MT 1840 ST5 Created on June 16, 2025 at 3:52 PM I
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	12 6.27 m
Overall width	b1 2.36 m
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.89 m
Tilt-up angle	a4 16 °
Tilt-down angle	a5 110°
External turning radius (over tyres)	Wa1 3.94 m
Unladen weight (with forks)	11870 kg
Overall weight	11870 kg
Tires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	1/e/s 1200 mm x 125 mm x 45 mm
Performances	17 6 7 3
Lifting	16 s
Lowering	12 s
Extension	16 s
Retraction	13 s
Scoop	4 s
Crowd	4 s
Dump	4 s
Engine	43
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)	7850 daN
Transmission	7030 dail
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 parking brake
Service brake	Oil-immersed multi-discs on front & rear axles
Hydraulics	On-initinessed illulur-discs on Holit & leaf axies
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	- Gear рипір 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 Noise and vibration	140 l
Noise and vibration	70.40
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous Observed to the Control of the Contr	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

MT 1840 ST5 - Dimensional drawing

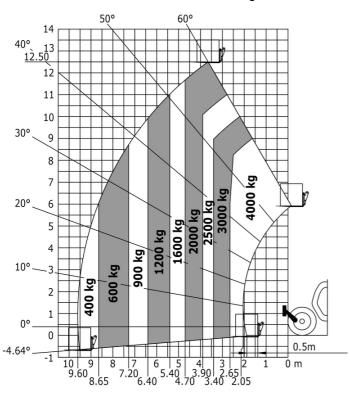




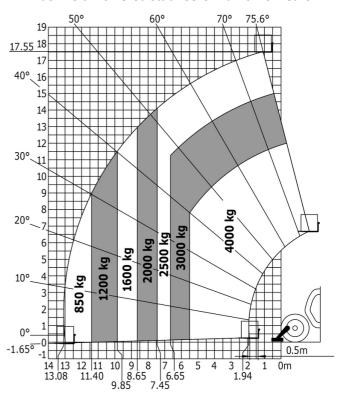


MT 1840 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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