Technical sheet:

MT 1840 ST5

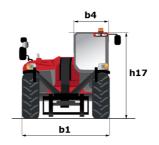


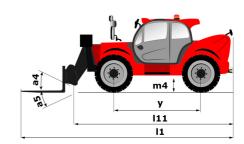


	MT 1840 ST5 Created on May 6, 2024 at 7:11:44 AM U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	12 6.27 m
Overall width	b1 2.36 m
Overall 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
	1 / e / s 1200 mm x 125 mm / 45 mm
Forks length / width / section	17 6 7 8 1200 111111 X 123 111111 7 43 111111
Performances	16.
Lifting	16 s
Lowering	12 s
Extension	16 s
Retraction	13 s
Scoop	4 s
Crowd	4 s
Dump	4 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 rpm
Drawbar pull (Laden)	7850 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
Parking brake	Automatic 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
Tank capacities	
Engine oil	10
Hydraulic oil	135
Fuel tank	140
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	~ 2.00 m/ 5
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM

MT 1840 ST5 - Dimensional drawing

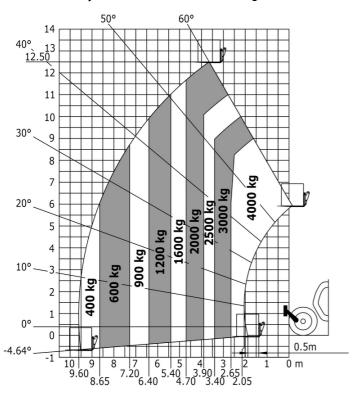




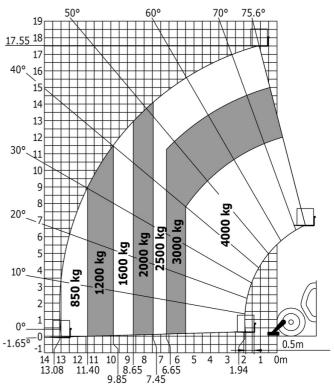


MT 1840 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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