Technical sheet:

# MT 1840 ST5

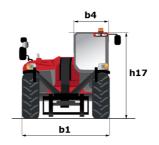




	<b>MT 1840 ST5</b> Created on May 3, 2024 at 6:21:37 AM U
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	7700 0011
Overall length to carriage	l11 6.15 m
	12 6.27 m
Length to face of forks	
Overall width	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	I / e / s 1200 mm x 125 mm / 45 mm
Performances	
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 I
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/s <sup>2</sup>
Miscellaneous	× 2.50 III/8"
	2/2
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

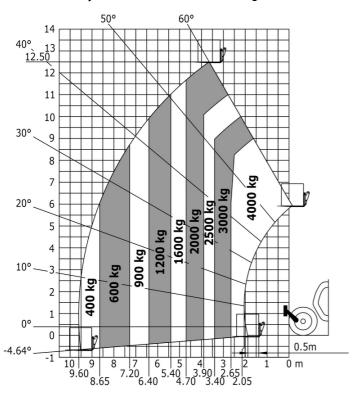




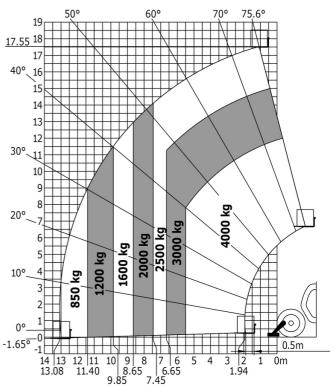


## MT 1840 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



#### Machine on lowered stabilisers with forks Metric







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