Technical sheet :

MT 1840 ST5

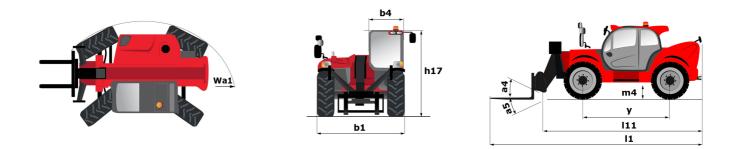




MT 1840 ST5 Created on November 10, 2023 at 2:05:50 PM UTC

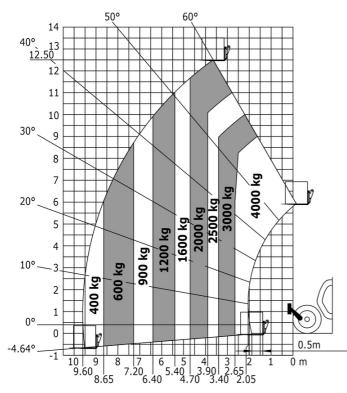
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7766 daN
Veight and dimensions	
Iverall length to carriage	l11 6.15 m
ength to face of forks	12 6.27 m
)verall width	b1 2.36 m
Dverall height	h17 2.45 m
Vheelbase	
Sround clearance	
Overall cab width	b4 0.89 m
ïlt-up angle	a4 16 °
ïlt-down angle	a5 110 °
xternal turning radius (over tyres)	Wa1 3.94 m
Inladen weight (with forks)	11870 kg
)verall weight	11870 kg
ïres type	Pneumatic
tandard tires	Alliance 400/80 - 24 - 162A8
orks length / width / section	l / e / s 1200 mm x 125 mm / 45 mm
Performances	
ifting	16 s
owering	12 s
ixtension	16 s
Retraction	13 s
Scoop	4 s
Crowd	4 s
Jump	4 s
Engine	
Engine brand	Deutz
Engine norm	Stage V
Engine model	TCD 3.6
Number of cylinders / Capacity of cylinders	4 - 3621 cm ³
.C. Engine power rating - Power (kW)	100 Hp / 75 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Drawbar pull (Laden)	7850 daN
Fransmission	
ransmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
ravel 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
lydraulics	
łydraulic pump type	Gear pump
lydraulic flow / Pressure	167 l/min-270 bar
Fank capacities	
ingine oil	101
łydraulic oil	135
full tank	140 l
IEF tank capacity	22.60 1
loise and vibration	
loise at driving position (LpA)	79 dB
loise to environment (LWA)	106 dB
. ,	100 dB < 2.50 m/s ²
/ibration on hands/arms	< 2.00 III/\$*
Viscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear) Safety cab homologation	2 / 2 Cabin ROPS - FOPS Level 2
	Cabin POPS - FOPS avail 2

MT 1840 ST5 - Dimensional drawing

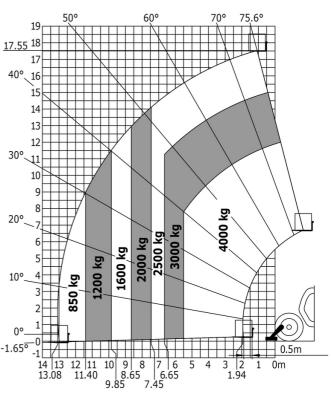


MT 1840 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric





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