Technical sheet:

MT 1840

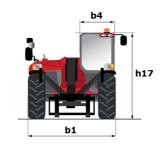


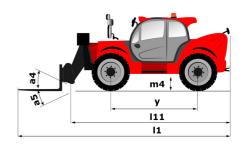


	MT 1840 Crea	ated on April 25, 2024 at 5:29:58 PM L
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Max. outreach		13.08 m
Breakout force with bucket		7766 daN
Weight and dimensions		
Overall length to carriage	l11	6.15 m
Length to face of forks	12	6.27 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	у	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Filt-up angle	a4	12 °
Filt-down angle	a5	114 °
	Wa1	3.94 m
External turning radius (over tyres)	WdI	
Jnladen weight (with forks)		11870 kg
Overall weight		11800 kg
Fires type		Pneumatic 100 00 01 100 00
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l/e/s	1200 mm x 125 mm / 45 mm
Performances		
ifting		16 s
owering		12 s
extension		16 s
Retraction		13 s
Crowd		4 s
Dump		4 s
Engine Control of the		
Engine brand		Perkins
Engine norm		Stage IV / Tier 4 Final
Engine model		854F-E34TA
Number of cylinders / Capacity of cylinders		4 - 3400 cm ³
.C. Engine power rating - Power		100 Hp / 75 kW
Max. torque / Engine rotation		430 Nm @ 1400 rpm
Drawbar pull (Laden)		6680 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Parking brake		Automatic parking brake
Nantas karlas		Oil-immersed multi-discs braking on front & rea
Service brake		axles
tydraulics		
lydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Fank capacities		
ingine oil		7.50 l
lydraulic oil		135 l
iuel tank		140 l
DEF tank capacity		21.60 l
loise and vibration		
Voise at driving position (LpA)		78 dB
loise to environment (LwA)		103 dB
fibration on hands/arms		< 2.50 m/s²
discellaneous		- 2.50 111/5
		2/2
Steering wheels (front / rear)		212
		2/2
Steering wheels (front / rear) Drive wheels (front / rear) Safety / Safety cab homologation		2 / 2 Standard EN 15000 / ROPS - FOPS level 2 cab

MT 1840 - Dimensional drawing





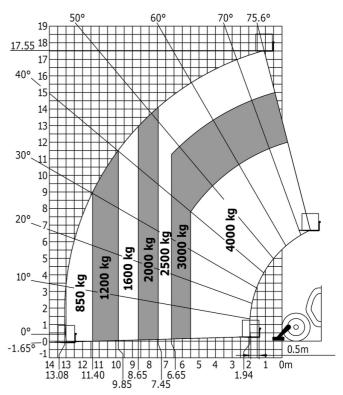


MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric

40° 12 11 10 30° 9 1600 kg 2000 kg 2500 kg 3000 kg 20° 5 1200 kg 900 kg/ 600 kg 10° 0 0.5m -4.64° -10 9 9.60 8.65 8 7 6 5 4 3 2 7.20 5.40 3.90 2.65 6.40 4.70 3.40 2.05

Machine on lowered stabilisers with forks Metric







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