Technical sheet :





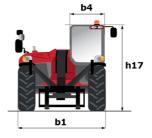


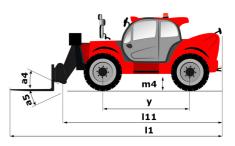
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Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		17.55 m
Max. outreach		13.08 m
Breakout force with bucket		7766 daN
Neight and dimensions		
Dverall length to carriage	111	6.15 m
Length to face of forks	12	6.27 m
Dverall width	b1	2.36 m
Dverall height	h17	2.45 m
Wheelbase		3.07 m
Ground clearance	у m4	0.37 m
Overall cab width		
	b4	0.89 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Jnladen weight (with forks)		11870 kg
Overall weight		11800 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm
Performances		
Lifting		16 s
Lowering		12 s
Extension		16 s
Retraction		13 s
Crowd		4 s
Dump		4 s
Engine		
Engine brand		Perkins
Engine norm		Stage IV / Tier 4 Final
Engine model		854F-E34TA
Number of cylinders / Capacity of cylinders		4 - 3400 cm ³
I.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
		24.90 km/h
Max. travel speed		
Parking brake		Automatic parking brake
Service brake		Oil-immersed multi-discs braking on front & rea axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 I/min-270 bar
Tank capacities		107 1/1111 270 541
Engine oil		7.50 l
Hydraulic oil		1351
·		
Fuel tank		140
DEF tank capacity		21.60 l
Noise and vibration		76 15
Noise at driving position (LpA)		78 dB
Noise to environment (LwA)		103 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2

MT 1840 - Dimensional drawing







Machine on lowered stabilisers with forks Metric

3000 kg 2000 kg 2500 kg

5

4

0.5m

3 2 1.94

1 0m

MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric

50° 60° 70° 75.6° 19 <u>17.55</u> 18 17 40° 16 15 14 13 12 30°. 1 10 9 8 4000 kg 20°

1600 kg

1200 kg

-0 -1 14 13 12 11 10 9 8 7 6 13.08 11.40 8.65 6.65 9.85 7.45

850 kg

6

5

3

2

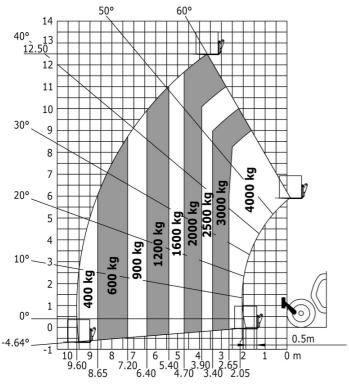
1 0°

-0

╒

10° 4

-1.65





Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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