Technical sheet :

MT 1440 A ST5





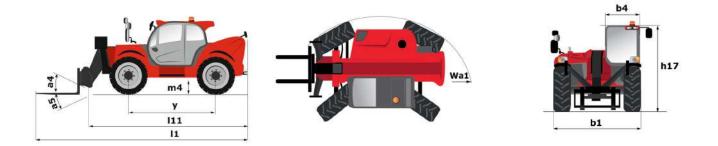
	MT 1440 A S	5 - Created on January 11, 2022 at 10:16
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach	r1	9.46 m
Breakout force with bucket		7916 daN
Weight and dimensions		
Overall length to carriage	11	6.13 m
Overall width	b1	2.42 m
Overall height	h17	2.45 m
Wheelbase	у	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Tilt-up angle	a4	12 °
Tilt-down angle	а5	114 °
External turning radius (over tyres)	Wa1	3.97 m
Unladen weight (with man basket)		11620 kg
Tyres type		Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm
Performances		
Lifting		16 s
Lowering		14 s
Extension		19.30 s
Scoop		4 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6L
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³
I.C. Engine power rating - Power (kW)		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		9930 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
Service brake	Qil	-immersed multi-discs braking on front &
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min / 270 bar
Tank capacities		10, 1,1111, 2,70 but
Engine oil		10
Hydraulic oil		135
Fuel tank		140
DEF tank capacity		22.60
Noise and vibration		22.001
Noise at driving position (LpA)		79 dB(A)
Noise to environment (LWA)		106 dB(A)
Vise to environment (LWA) Vibration on hands/arms		
		< 2.50 m/s²
Compatible platform		1000 1
Platform capacity	Q	1000 kg
Number of people (inside)		3
Platform dimensions (length x width)	lp / ep	5000 mm x 1200 mm
Platform weight*		1150 kg
Miscellaneous		
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)		2/2
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM

MT 1440 A ST5 - Created on January 11, 2022 at 10:16:11 AM UTC

13.53 m
9.46 m
7916 daN
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11620 kg
Pneumatic
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1200 mm x 125 mm / 45 mm
16 s
10 s
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Stage V
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4 - 3621 cm³
100 Hp / 75 kW
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Tarrus Canvadar
Torque Converter 4 / 4
4 / 4 24.90 km/h
Automatic parking brake
Oil-immersed multi-discs braking on front & rear axles
Gear pump
167 I/min / 270 bar
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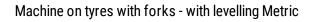
JSM

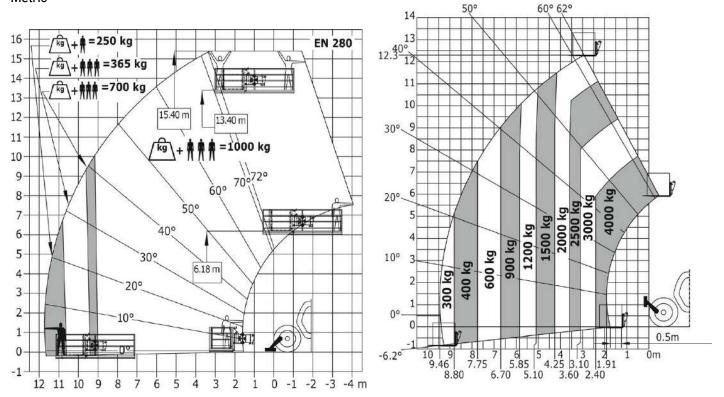
MT 1440 A ST5 - Dimensional drawing



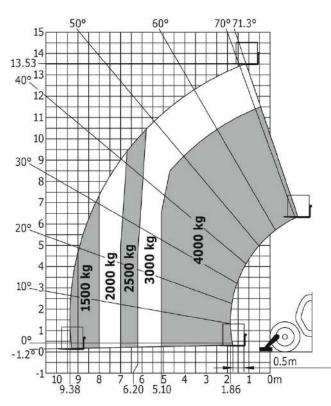
MT 1440 A ST5 - Load chart

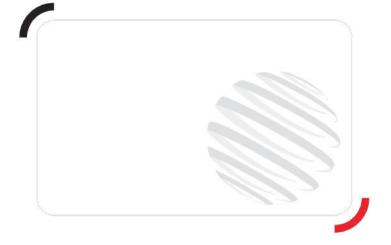
Machine on stabilizers with bucket basket and levelling device Metric





Machine on stabilizers with forks Metric







Siège Social 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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