Technical sheet :

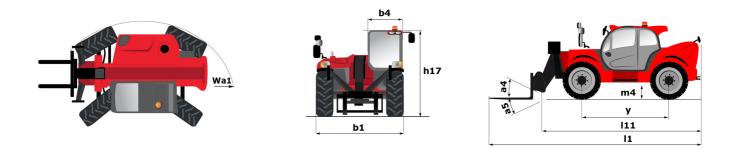
## **MT 1440 A ST5**





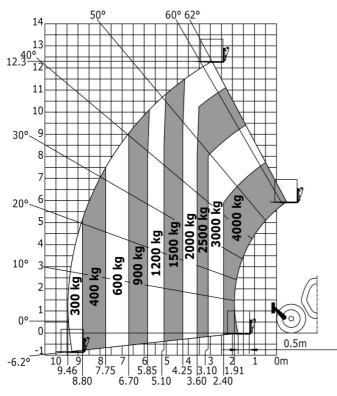
	MT 1440 A STS Created	<b>40 A STS</b> Created on May 3, 2024 at 6:06:16 AM UTC	
Capacities		Metric	
Max. capacity		4000 kg	
Max. lifting height		13.53 m	
Max. outreach		9.46 m	
Breakout force with bucket		7916 daN	
Weight and dimensions			
Overall length to carriage	111	6.02 m	
	12	6.13 m	
Length to face of forks			
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	
Tilt-up angle	a4	12 °	
Tilt-down angle	а5	114 °	
External turning radius (over tyres)	Wa1	3.94 m	
Overall weight		11200 kg	
Unladen weight (with man basket)		11620 kg	
Tires type		Pneumatic	
Standard tires		Alliance 400/80 - 24 - 162A8	
	11-1-		
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	
		4 - 3621 cm <sup>3</sup>	
Number of cylinders / Capacity of cylinders			
I.C. Engine power rating - Power		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	
	Oil-in	mersed multi-discs braking on front & rear	
Service brake		axles	
Hydraulics		0	
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		167 l/min-270 bar	
Tank capacities			
Engine oil		10	
Hydraulic oil		135 l	
Fuel tank		140 I	
DEF tank capacity		22.60 l	
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>	
Compatible platform		2.00 1.00	
	Q	1000 kg	
Platform capacity	ų		
Number of people		3	
Platform dimensions (length x width)	lp / ep	5000 mm x 1200 mm	
Platform weight*		1150 kg	
Miscellaneous			
		2/2	
Steering wheels (front / rear)		2 / 2 2 / 2	
Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety cab homologation			

## MT 1440 A ST5 - Dimensional drawing

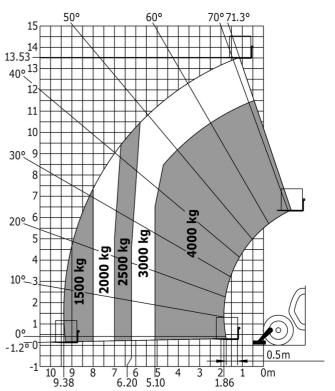


## MT 1440 A ST5 - Load chart

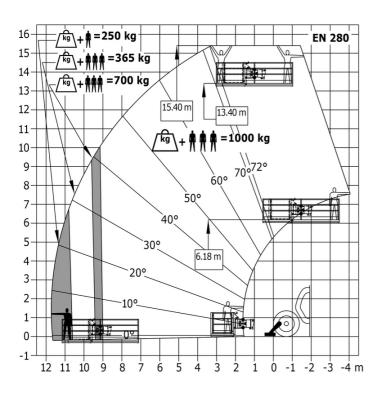
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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