Technical sheet:

MT 1440 A ST5

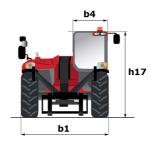


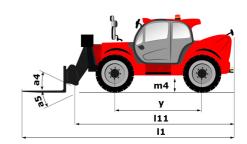


	MT 1440 A ST5 Created on May 4, 2024 at 4:05:50 PM UTC		
Capacities	Metric	;	
Max. capacity	4000 k	g	
Max. lifting height	13.53 ו		
Max. outreach	9.46 n		
Breakout force with bucket	7916 da		
Weight and dimensions			
Overall length to carriage	l11 6.02 n	n	
Length to face of forks	l2 6.13 n		
Overall width	b1 2.36 n		
Overall height	h17 2.45 n		
Wheelbase	у 3.07 п	ı	
Ground clearance	m4 0.37 n		
Overall cab width	b4 0.89 n		
Tilt-up angle	a4 12°		
Tilt-down angle	a5 114°		
External turning radius (over tyres)	Wa1 3.94 n		
Overall weight	11200 l		
•			
Unladen weight (with man basket)	11620		
Tires type	Pneuma		
Standard tires	Alliance 400/80		
Forks length / width / section	I / e / s 1200 mm x 125 n	nm / 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 3.0	5L	
Number of cylinders / Capacity of cylinders	4 - 3621	cm³	
I.C. Engine power rating - Power	100 Hp / 75 kW		
Max. torque / Engine rotation	410 Nm @ 1600 rpm		
Drawbar pull (Laden)	9930 da	aN	
Transmission			
Transmission type	Torque con	verter	
Number of gears (forward / reverse)	4 / 4		
Max. travel speed	24.90 km	n/h	
Parking brake	Automatic park	ing brake	
Service brake	Oil-immersed multi-discs b		
	axles		
Hydraulics			
Hydraulic pump type	Gear pu	mp	
Hydraulic flow / Pressure	167 l/min-2	70 bar	
Tank capacities			
Engine oil	10		
Hydraulic oil	135 I	135 l	
Fuel tank	140 I		
DEF tank capacity	22.60	I	
Noise and vibration			
Noise at driving position (LpA)	79 dB		
Noise to environment (LwA)	106 dl	3	
Vibration on hands/arms	< 2.50 m	/s²	
Compatible platform			
Platform capacity	Q 1000 k	g	
Number of people	3		
Platform dimensions (length x width)	lp / ep 5000 mm x 1	200 mm	
Platform weight*	1150 k		
Miscellaneous			
Steering wheels (front / rear)	2/2		
Drive wheels (front / rear)	2/2		
(
Safety cab homologation	ROPS - FOPS Ie	vel 2 cab	

MT 1440 A ST5 - Dimensional drawing

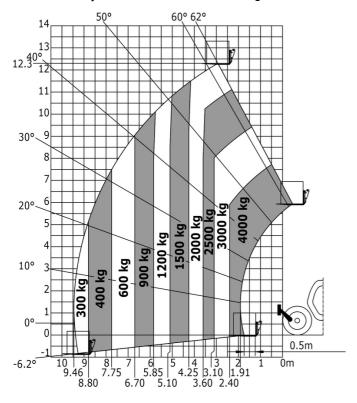




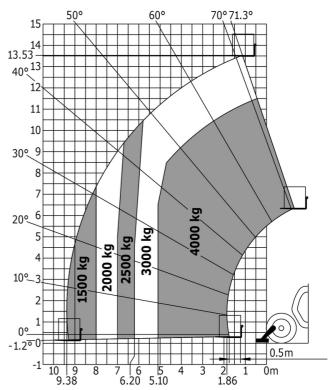


MT 1440 A ST5 - Load chart

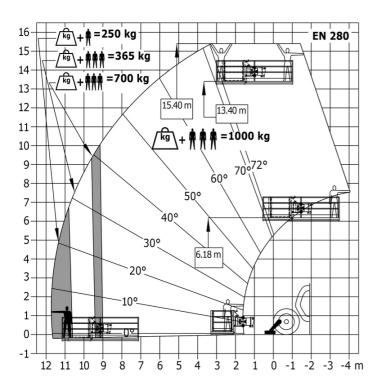
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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