Technical sheet:

MT 1440 A ST5

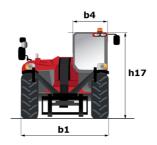


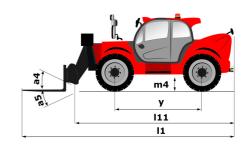


	MT 1440 A ST5 Created on November 21, 2024 at 5:3	0111101
Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	13.53 m	
Max. outreach	9.46 m	
Breakout force with bucket	7916 daN	
Weight and dimensions		
Overall length to carriage	l11 6.02 m	
Length to face of forks	l2 6.13 m	
Overall width	b1 2.36 m	
Overall height	h17 2.45 m	
Wheelbase	y 3.07 m	
Ground clearance	m4 0.37 m	
Overall cab width	b4 0.89 m	
Tilt-up angle	a4 12 °	
	a5 114°	
Tilt-down angle		
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	
Forks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm	1
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	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	
raiking blake		+ 0
Service brake	Oil-immersed multi-discs braking on fr axles	ioni a rear
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 l/min-270 bar	
Tank capacities	107 (7mm 270 dd)	
Engine oil	10	
Hydraulic oil	135 I	
Diesel Exhaust fluid (AdBlue® type)	22.60 1	
Fuel tank Noise and vibration	140	
Noise and vibration	70.10	
Noise at driving position (LpA)	79 dB	
Noise to environment (LwA)	106 dB	
Vibration on hands/arms	< 2.50 m/s²	
Compatible platform		
Platform capacity	Q 1000 kg	
Number of people	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	
	Out in DODO FORD Lavel O	
Safety cab homologation	Cabin ROPS - FOPS level 2	

MT 1440 A ST5 - Dimensional drawing

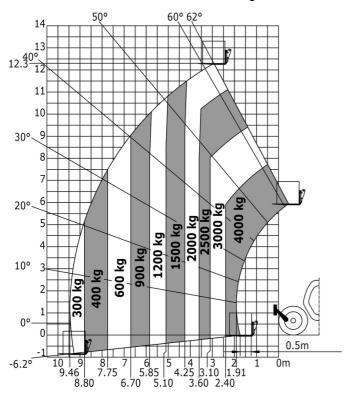




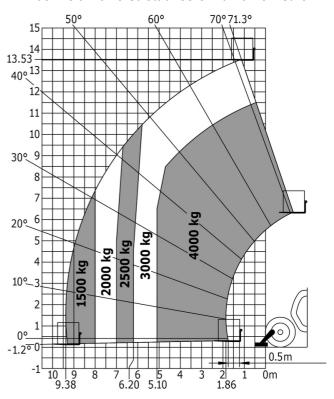


MT 1440 A ST5 - Load chart

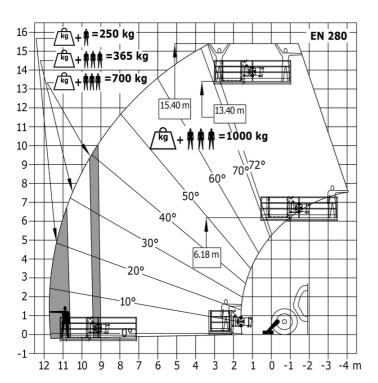
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric







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