Technical sheet :

MT 1440 ST5





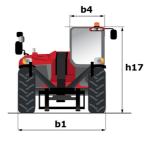
Capacities	Metr	ic	
Max. capacity	4000	kg	
Max. lifting height	13.53	m	
Max. outreach	9.46	m	
Breakout force with bucket	7895 0	JaN	
Weight and dimensions			
Overall length to carriage	111 6.02	m	
Length to face of forks	12 6.13	m	
Overall width	b1 2.36	m	
Overall height	h17 2.45	m	
Wheelbase	у 3.07	m	
Ground clearance	m4 0.37	m	
Overall cab width	b4 0.89	m	
Tilt-up angle	a4 12	0	
Tilt-down angle	a5 114	۰	
External turning radius (over tyres)	Wa1 3.94	m	
Unladen weight (with forks)	10940	kg	
Overall weight	10940	kg	
Tires type	Pneum		
Standard tires	Alliance 400/80	- 24 - 162A8	
Forks length / width / section	l / e / s 1200 mm x 125	mm / 50 mm	
Performances			
Lifting	16 :	5	
Lowering	12.40) s	
Extension	17.30	17.30 s	
Retraction	13 :	13 s	
Crowd	4.30	S	
Dump	4 s		
Engine			
Engine brand	Deut	z	
Engine norm	Stage	e V	
Engine model	TCD 3	.6L	
Number of cylinders / Capacity of cylinders	4 - 3621	CM ³	
I.C. Engine power rating - Power	100 Hp /	100 Hp / 75 kW	
Max. torque / Engine rotation	410 Nm @ 1	410 Nm @ 1600 rpm	
Drawbar pull (Laden)	9930 0	9930 daN	
Transmission			
Transmission type	Torque co	onverter	
Number of gears (forward / reverse)	4 / -	4 / 4	
Max. travel speed	24.90 k	24.90 km/h	
Parking brake	Automatic pa	Automatic parking brake	
Service brake	Oil-immersed multi-discs axle	Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type	Gear p	ump	
Hydraulic flow / Pressure	167 l/min-		
Tank capacities			
Engine oil	10		
Hydraulic oil	135		
Fuel tank		140	
DEF tank capacity		22.60	
Noise and vibration			
Noise at driving position (LpA)	79 d	В	
Noise to environment (LWA)	106 г		
Vibration on hands/arms	< 2.50 I		
Miscellaneous			
Steering wheels (front / rear)	2/:	2	
Drive wheels (front / rear)	2/		
Safatu ash homologation			

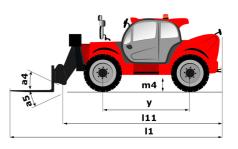
MT 1440 ST5 - Dimensional drawing

Controls

Safety cab homologation







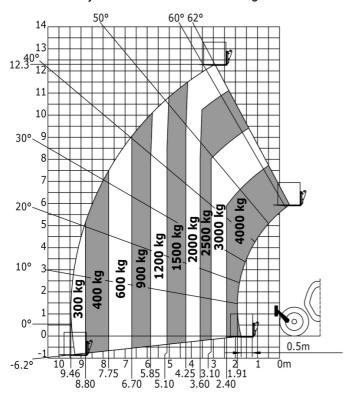
ROPS - FOPS level 2 cab

JSM

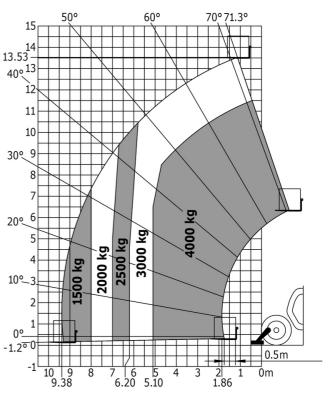
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MT 1440 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric









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