Technical sheet:

MT 420 H

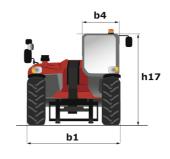




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Capacities	Metric	
Max. capacity	2000 kg	
Max. lifting height	4.35 m	
Maximum outreach	2.65 m	
Breakout force with bucket	1886 daN	
Weight and dimensions		
Overall length to carriage	l11 3.64 m	
Length to face of forks	12 3.58 m	
Overall width	b1 1.49 m	
Overall height	h17 1.97 m	
Wheelbase		
Ground clearance	,	
Overall cab width	b4 0.80 m	
Tilt-up angle	a4 12 °	
Tilt-down angle	a5 116 °	
External turning radius (over tyres)	Wa1 2.98 m	
Unladen weight (with forks)	4190 kg	
Overall weight	4260 kg	
Tires type	Inflatable	
Forks length / width / section	I / e / s 1200 mm x 125 mm x 45 mm	n
Performances		
Lifting	5 s	
Lowering	3.50 s	
Extension	4.80 s	
Retraction	3 s	
Crowd	3.30 s	
Dump	2.70 s	
Engine		
Engine brand	Kubota	
Engine norm	Stage V	
Engine model	2607-CR-E5	
Number of cylinders / Capacity of cylinders	4 - 2615 cm³	
I.C. Engine power rating - Power	57 Hp / 42 kW	
Max. torque / Engine rotation	174 Nm @ 1600 rpm	
Drawbar pull (Laden)	2850 daN	
Transmission	2000 0011	
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2 / 2	
Max. travel speed	24.90 km/h	
Max. travel speed Max. travel speed (may vary according to applicable regulations)	24.90 km/h	
		la a
Parking brake	Automatic Negative Hand-brak	
Service brake	Disk brake on the cadran sha	п
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	77.40 l/min-235 bar	
Tank capacities		
Engine oil	10.20 l	
Hydraulic oil	70	
Hydraulic tank capacity	10.20	
Fuel tank	60 I	
Noise and vibration		
Noise at driving position (LpA)	76 dB	
Noise to environment (LwA)	104 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Safety / Cab certification	Standard EN 15000 / ROPS - FOPS cab	b (level 1)
Controls	JSM	
	30W	

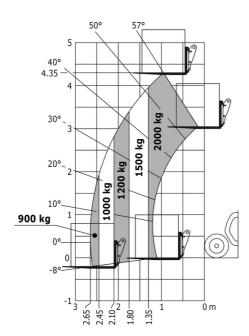
MT 420 H - Dimensional drawing





MT 420 H - Load chart

Machine on tires with forks Metric







Head Office

B.P. 249 - 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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