Technical sheet:

MT 420 H

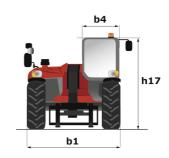




	MT 420 H Created of	1 July 17, 2025 at 12:27 AM 010
Capacities		Metric
Max. capacity		2000 kg
Max. lifting height		4.35 m
Maximum outreach		2.65 m
Breakout force with bucket		1886 daN
Weight and dimensions		
Overall length to carriage	l11	3.64 m
Length to face of forks	12	3.58 m
Overall width	b1	1.49 m
Overall height	h17	1.97 m
Wheelbase	у	2.13 m
Ground clearance	m4	0.24 m
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)	Hui	4190 kg
Overall weight		4260 kg
Tires type		Pneumatic Pneumatic
Forks length / width / section	l/e/s	1200 mm x 125 mm x 45 mm
	17 67 8	1200 11111 x 123 11111 x 43 11111
Performances		5 s
Lifting		
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		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		24.90 km/h
Max. travel speed (may vary according to applicable regulations)		24.90 km/h
Parking brake	A	utomatic Negative Hand-brake
Service brake]	isk brake on the cadran shaft
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 I
Hydraulic tank capacity		10.20 I
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		2.00 11/0
Steering wheels (front / rear)		2/2
Drive wheels (front / rear)		2/2
Safety / Cab certification	Clandard	EN 15000 / ROPS - FOPS cab (level 1)
•	Standard	
Controls		JSM

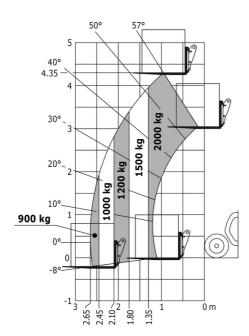
MT 420 H - Dimensional drawing





MT 420 H - Load chart

Machine on tires with forks Metric







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