Technical sheet:

# MT 420 H

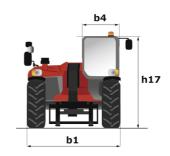




	<b>MT 420 H</b> Created on April 28, 2024 at 2:52:14 PM U
Capacities	Metric
Max. capacity	2000 kg
Max. lifting height	4.35 m
Max. outreach	2.65 m
Breakout force with bucket	1886 daN
Weight and dimensions	
Overall length to carriage	l11 3.64 m
Length to face of forks	12 3.58 m
Overall width	b1 1.49 m
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-top angle	
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	Pneumatic
Forks length / width / section	l / e / s 1200 mm x 125 mm / 45 mm
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	
Transmission type	Hydrostatic
Number of gears (forward / reverse)	2/2
Max. travel speed	24.90 km/h
Parking brake	Automatic Negative Hand-brake
Service brake	Disk 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
Hydraulic oil	701
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 <sup>2</sup>
Miscellaneous	₹ 2.50 III/5*
Steering wheels (front / rear)	212
- , ,	2/2
Drive wheels (front / rear)	2 / 2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 1 cab

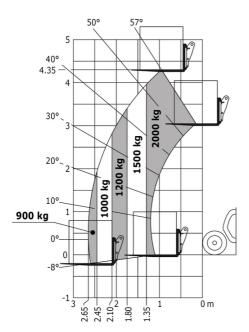
## MT 420 H - Dimensional drawing





### MT 420 H - Load chart

### Machine on tyres with forks Metric







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