Technical sheet:

MT 420 H

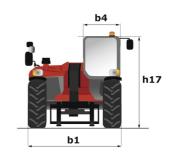




	мт 420 н Created on 25 April 2024 at 21.06.17 UT
Capacities	Metric
Max. capacity	2000 kg
Max. lifting height	4.35 m
Max. outreach	2.65 m
Breakout force with bucket	1886 daN
Weight and dimensions	
Overall length to carriage	I11 3.64 m
Length to face of forks	12 3.58 m
Overall width	b1 1.49 m
Overall height	h17 1.97 m
Wheelbase	y 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)	4190 kg
Overall weight	4260 kg
Tires type	Pneumatic
Forks length / width / section	l / e / s
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 ²
Miscellaneous	× 2.30 H//S
Steering wheels (front / rear)	2/2
• , ,	2/2
Drive wheels (front / rear)	
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 1 cab
Controls	JSM

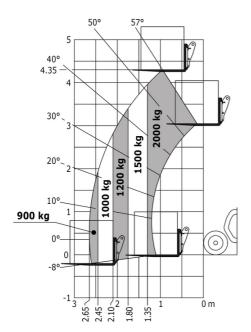
MT 420 H - Dimensional drawing





MT 420 H - Load chart

Machine on tyres with forks Metric







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