Technical sheet :



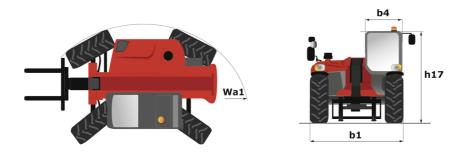




MT 420 H	Created on April 25, 2024 at 8:56:57 AM UTC
	Metric

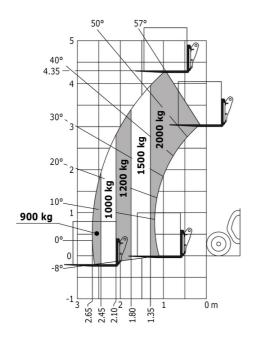
Capacities	Metric
Max. capacity	2000 kg
Max. lifting height	4.35 m
Max. outreach	2.65 m
Breakout force with bucket	1886 daN
Weight and dimensions	
Overall length to carriage	l11 3.64 m
Length to face of forks	l2 3.58 m
Overall width	b1 1.49 m
Overall height	h17 1.97 m
Wheelbase	y 2.13 m
Ground clearance	m4 0.24 m
Overall cab width	b4 0.80 m
Tilt-up angle	
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 mm
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
	77.40 I/IIIII-233 Bai
Tank capacities	10.001
Engine oil	10.201
Hydraulic oil	701
Fuel tank	60
Noise and vibration	
Noise at driving position (LpA)	76 dB
Noise to environment (LwA)	104 dB
Vibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 1 ca
Controls	JSM

## MT 420 H - Dimensional drawing



## MT 420 H - Load chart

## Machine on tyres with forks Metric





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