

Technical sheet :

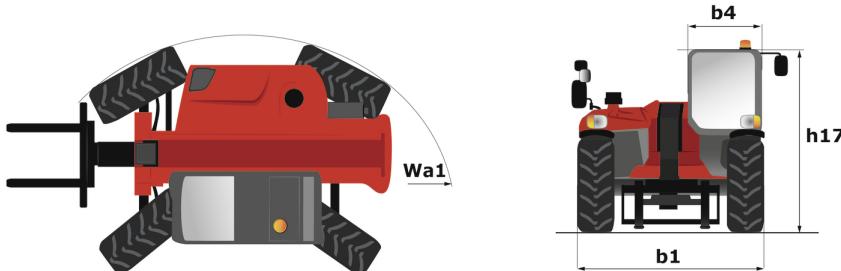
# MT-X 420 H



 **MANITOU**  
HANDLING YOUR WORLD

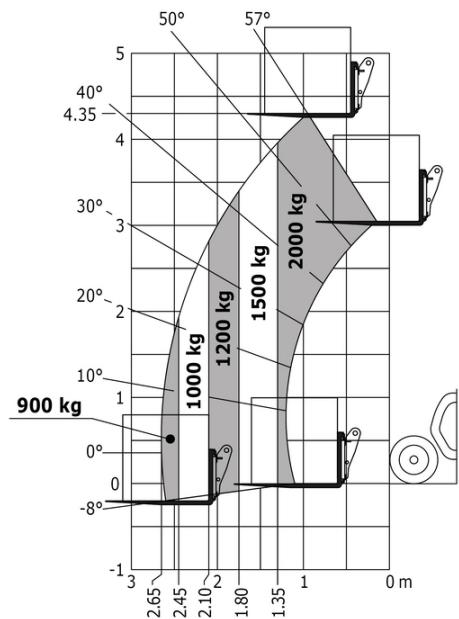
Capacities		Metric	
Max. capacity		2000 kg	
Max. lifting height		4.35 m	
Maximum outreach		2.65 m	
Breakout force with bucket		1886 daN	
Weight and dimensions			
Overall length to carriage	l11	3.58 m	
Overall width	b1	1.49 m	
Overall height	h17	1.97 m	
Wheelbase	y	2.13 m	
Ground clearance	m4	0.24 m	
Overall cab width	b4	0.79 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	1200 mm x 125 mm x 45 mm	
Performances			
Lifting		5 s	
Lowering		3.50 s	
Extension		4.80 s	
Retraction		3 s	
Crown		3.30 s	
Dump		2.70 s	
Engine			
Engine brand		Kubota	
Engine norm		Stage IIIA	
Max. fuel sulphur content		500 ppm	
Engine model		V2607	
Number of cylinders / Capacity of cylinders		4 - 2615 cm <sup>3</sup>	
Engine power (Hp/kW)		49 Hp / 36 kW	
Max. torque / Engine rotation		170 Nm @ 1600 rpm	
Drawbar pull (Laden)		2850 daN	
Transmission			
Transmission type		Hydrostatic	
Number of gears (forward / reverse)		2 / 2	
Max. travel speed		25 km/h	
Max. travel speed (may vary according to applicable regulations)		25 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		78 l/min-235 bar	
Tank capacities			
Engine oil		10.20 l	
Hydraulic oil		70 l	
Fuel		60 l	
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			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Safety / Cab certification		Standard EN 15000 / ROPS - FOPS cab (level 1)	
Controls		JSM	

## MT-X 420 H - Dimensional drawing



## MT-X 420 H - Load chart

Machine on tires with forks Metric



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