

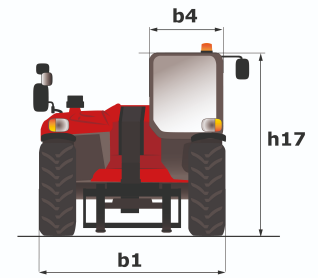
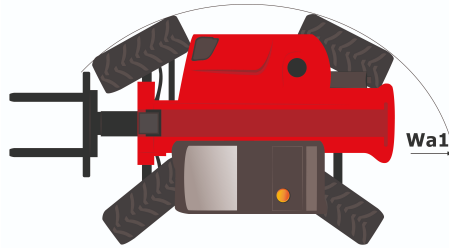
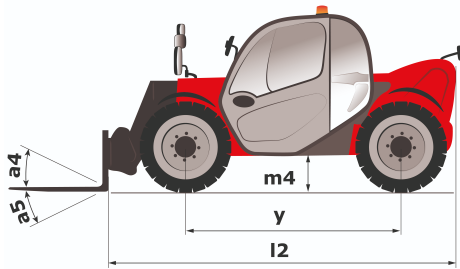
Technical sheet :

MT 420 H

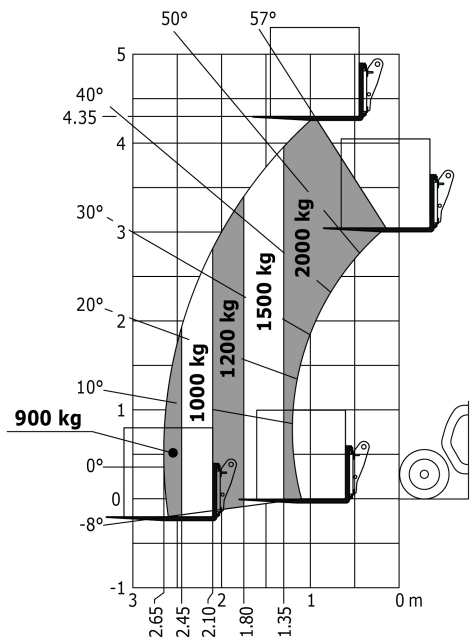


Capacities		Metric
Max. capacity	Q	2000 kg
Max. lifting height	h3	4.35 m
Max. Reach	l4	2.65 m
Breakout force with bucket (daN)		1886
Weight and dimensions		
Overall length to carriage	l2	3.64 m
Overall length (with forks)	l1	3.64 m
Overall width	b1	1.49 m
Overall height	h17	1.97 m
Wheelbase	y	2.13 m
Ground clearance	m4	0.24 m
Overall cab width	b4	0.79 m
Tilt-up angle	a4	12
Outer turning radius	Wa3	2.98 m
External turning radius (over tyres)	Wa1	2.98 m
Unladen weight (with forks)		4190 kg
Tyres type		Pneumatic
Standard tyres		Camso - 12-16,5 12PR SKS 532
Standard tyres		Camso 12-16.5 12PR SKS 532
Forks length / width / section	l / e / s	1200 mm x 125 mm x 45 mm
Performances		
Lifting		5 s
Lowering		3.5 s
Extension		4.8 s
Retraction		3 s
Scoop		3.3 s
Crowd		3.3 s
Dump		2.7 s
Engine		
Engine brand		Kubota
Engine norm		Stage V
Engine model		V2607_D1_E3B
Number of cylinders / Capacity of cylinders		4 - 2615 cm³
I.C. Engine power rating (hp) - Power (kW)		57 / 42 kW
Max. torque / Engine rotation (rpm)		174 @ 1600
Drawbar pull (Laden)		2850
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		25 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Frein à disques sur le cardan
Axle Manufacturer		Dana
Hydraulics		
Pump Type		Gear pump
Hydraulic flow / Pressure		77.4 / 235 Bar
Tank capacities		
Engine oil		10 l
Hydraulic oil		70 l
Fuel tank		60 l
Noise and vibration		
Noise at driving position (LpA)		76 dB(A)
Noise to environment (LwA)		104 dB(A)
Vibration on hands/arms		2.5 Nm
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / cabin homologation		[Standard EN 1500] / Cab ROPS - FOPS Level 1
Controls		JSM

Dimensional drawing



Load chart





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