

Technical sheet :

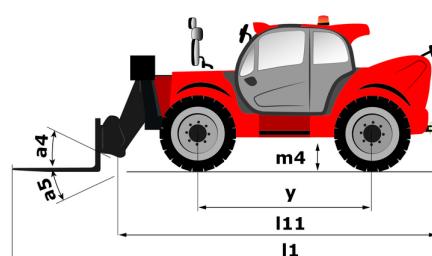
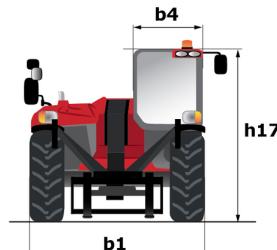
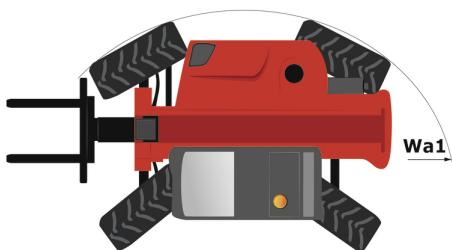
# MTA 519 H



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity		2494.75 kg	
Max. lifting height		5.82 m	
Maximum outreach		3.40 m	
Breakout force with bucket		3425.13 daN	
Weight and dimensions			
Length to face of forks	l2	3.89 m	
Overall width	b1	1.81 m	
Overall height	h17	1.92 m	
Wheelbase	y	2300 mm	
Ground clearance	m4	330 mm	
Overall cab width	b4	797 mm	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	117 °	
External turning radius (over tyres)	Wa1	3.31 m	
Unladen weight (with forks)		4720 kg	
Tires type		Pneumatic	
Forks length / width / section	l / e / s	1200 mm x 125 mm x 45 mm	
Performances			
Lifting		8 s	
Lowering		5.40 s	
Extension		5.60 s	
Retraction		4.30 s	
Crown		3.50 s	
Dump		3.60 s	
Engine			
Engine brand		Kubota	
Engine norm		Tier 4 final	
Engine model		V3307-CR-TE5B	
Number of cylinders / Capacity of cylinders		4 - 3331 cm <sup>3</sup>	
Engine power (Hp/kW)		74 Hp / 55.40 kW	
Max. torque / Engine rotation		1400 Nm @ 2600 rpm	
Drawbar pull		3229.40 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		Hydraulic spring release SAHR	
Service brake		Wet disc brakes	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		88 l/min-235 bar	
Tank capacities			
Engine oil		11.20 l	
Hydraulic oil		115 l	
Fuel		63 l	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Controls		Joystick	

## MTA 519 H - Dimensional drawing





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