

Technical sheet :

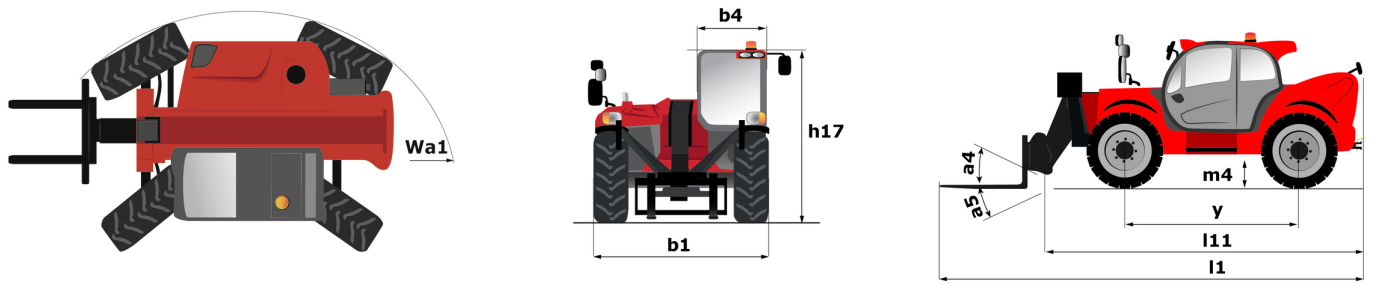
MTA 519 H



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		2494.75 kg
Max. lifting height		5.82 m
Max. 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 / 45 mm
Performances		
Lifting		8 s
Lowering		5.40 s
Extension		5.60 s
Retraction		4.30 s
Crowd		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 cm³
I.C. Engine power rating - Power		74 Hp / 55.40 kW
Max. torque / Engine rotation		1400 Nm @ 2600 rpm
Drawbar pull		3229.40 daN
Electric circuit		
12V Battery capacity		110 Ah
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		25 km/h
Parking brake		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 tank		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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