

Technical sheet :

# MTA 519 H

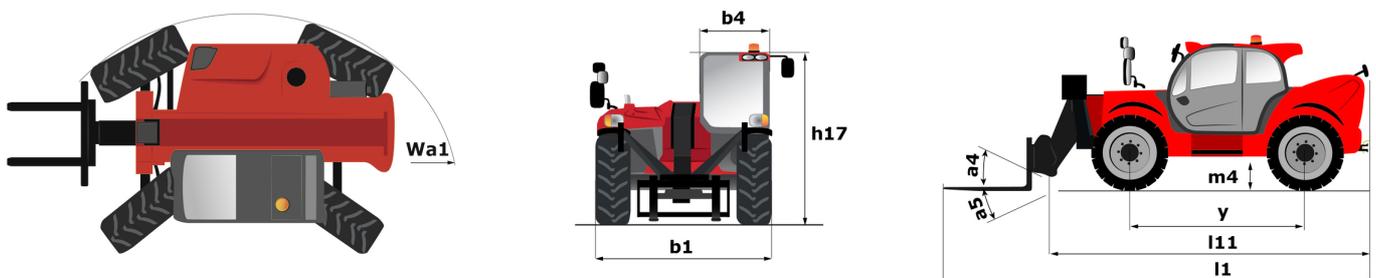
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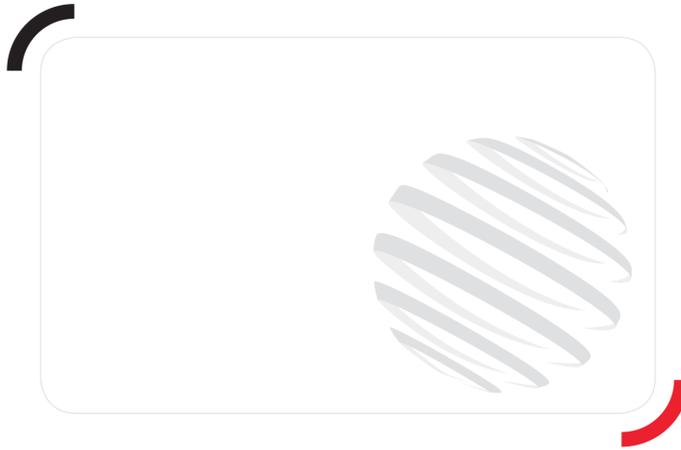


 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		5500 lb
Max. lifting height		19 ft 1 in
Max. outreach		11 ft 2 in
Breakout force with bucket		3425.13 daN
Weight and dimensions		
Length to face of forks	l2	12 ft 9 in
Overall width	b1	5 ft 11 in
Overall height	h17	6 ft 4 in
Wheelbase	y	91 in
Ground clearance	m4	13 in
Overall cab width	b4	31 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	117 °
External turning radius (over tyres)	Wa1	10 ft 10 in
Unladen weight (with forks)		10406 lb
Tires type		Pneumatic
Forks length / width / section	l / e / s	47 in x 5 in / 2 in
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 - 203 in³
I.C. Engine power rating - Power		74 Hp / 55.40 kW
Max. torque / Engine rotation		1033 ft/lbs @ 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		16 mph
Parking brake		SAHR
Service brake		Wet disc brakes
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		23 US gpm-3408 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		30 US gal
Fuel tank		17 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Controls		Joystick

### MTA 519 H - Dimensional drawing





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