

Technical sheet :

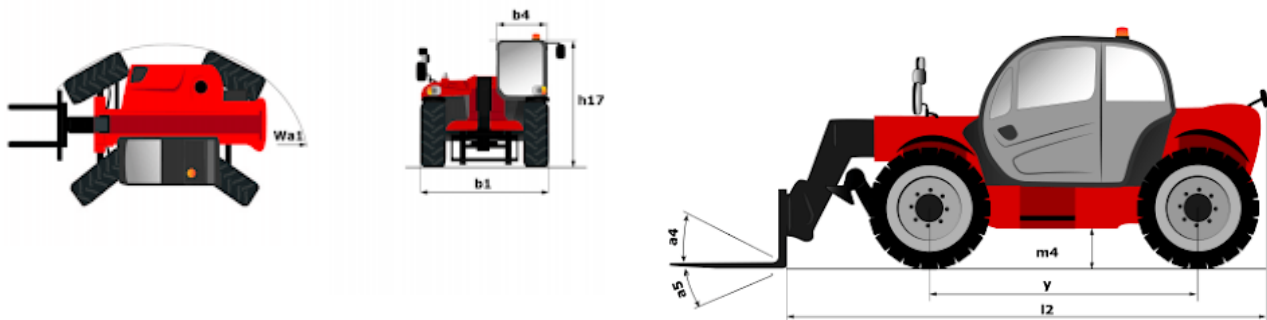
MTA 5519 S3



 **MANITOU**
HANDLING YOUR WORLD

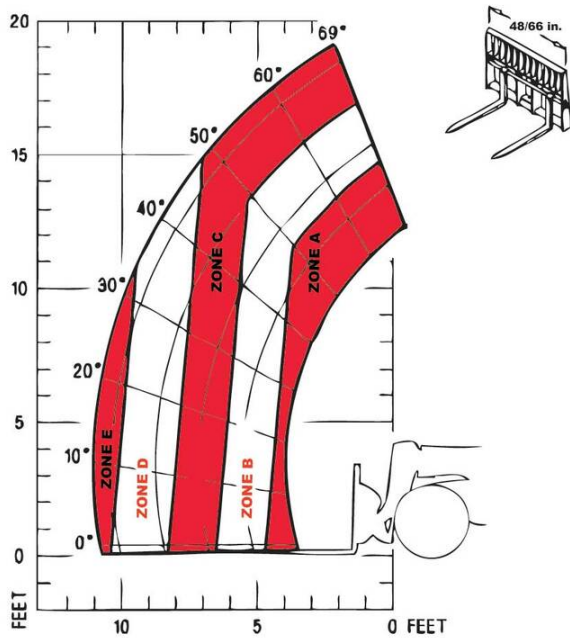
Capacities		Imperial
Max. capacity		5501 lb
Max. lifting height		19 ft
Max. outreach		11 ft
Weight and dimensions		
Overall length to carriage	l11	12 ft 4 in
Overall width	b1	5 ft 11 in
Overall height	h17	6 ft 4 in
Wheelbase	y	7 ft 6 in
Ground clearance	m4	10 in
Overall cab width	b4	28 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	100 °
External turning radius	Wa3	11 ft
Unladen weight (with forks)		9700 lb
Standard tires		12 x 16.5
Performances		
Lifting		8 s
Lowering		5 s
Extension		7 s
Retraction		6 s
Crowd		4 s
Dump		4 s
Engine		
Engine brand		Yanmar
Engine norm		Tier 4 final
Engine model		4TNV98
Number of cylinders / Capacity of cylinders		4 - 0.20 in³
I.C. Engine power rating - Power		68 Hp / 50.70 kW
Max. torque / Engine rotation		173 ft/lbs @ 235 rpm
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Parking brake		Hydraulic spring release SAHR
Service brake		Wet disc brakes
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		22 US gpm-3350 PSI
Tank capacities		
Engine oil		2 US gal
Hydraulic oil		18 US gal
Fuel tank		17 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety cab homologation		ROPS/FOPS
Controls		Single Joystick FNR

MTA 5519 S3 - Dimensional drawing



MTA 5519 S3 - Load chart

Machine on tires with forks Imperial



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