Technical sheet :

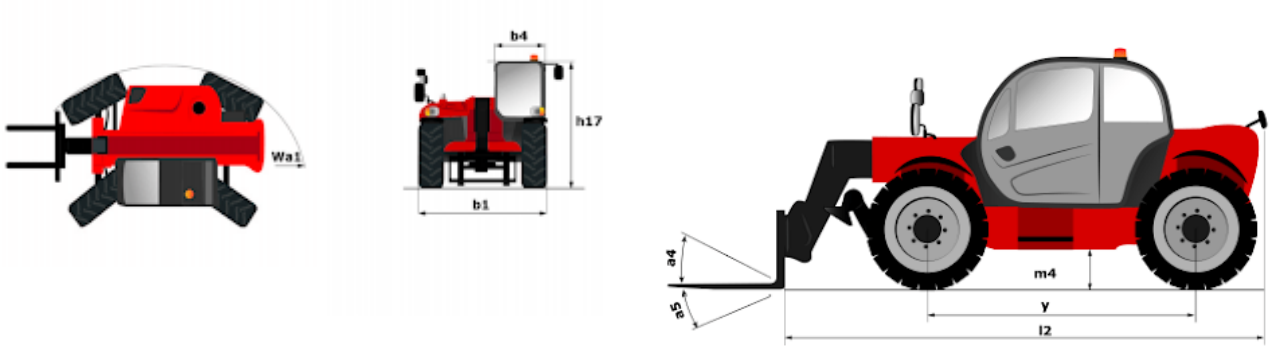
MTA 5519 S3



MANITOU
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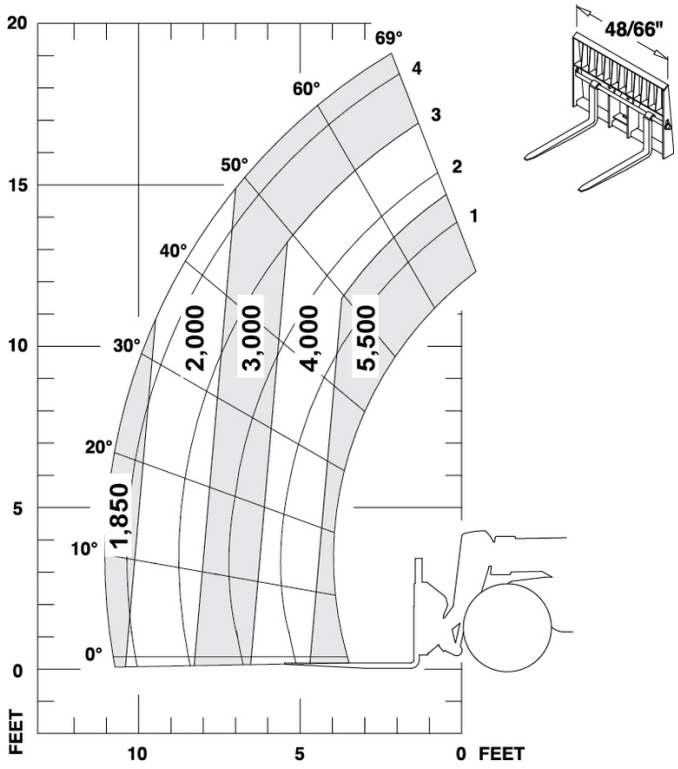
Capacities		Metric	Imperial
Max. capacity		2495 kg	5501 lb
Max. lifting height		5.80 m	19 ft
Max. outreach		3.35 m	11 ft
Weight and dimensions			
Overall length to carriage	l11	3.76 m	12 ft 4 in
Overall width	b1	1.80 m	5 ft 11 in
Overall height	h17	1.93 m	6 ft 4 in
Wheelbase	y	2.29 m	7 ft 6 in
Ground clearance	m4	266 mm	10 in
Overall cab width	b4	711 mm	28 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	100 °	100 °
External turning radius	Wa3	3.35 m	11 ft
Unladen weight (with forks)		4400 kg	9700 lb
Standard tires		12 x 16.5	12 x 16.5
Performances			
Lifting		8 s	8 s
Lowering		5 s	5 s
Extension		7 s	7 s
Retraction		6 s	6 s
Crowd		4 s	4 s
Dump		4 s	4 s
Engine			
Engine brand		Yanmar	Yanmar
Engine norm		Tier 4 final	Tier 4 final
Engine model		4TNV98	4TNV98
Number of cylinders / Capacity of cylinders		4 - 3.32 cm³	4 - 0.20 in³
I.C. Engine power rating - Power		68 Hp / 50.70 kW	68 Hp / 50.70 kW
Max. torque / Engine rotation		235 Nm @ 235 rpm	173 ft/lbs @ 235 rpm
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Parking brake		SAHR	SAHR
Service brake		Wet disc brakes	Wet disc brakes
Axle Manufacturer		Dana	Dana
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		83 l/min-231 bar	22 US gpm-3350 PSI
Tank capacities			
Engine oil		9 l	2 US gal
Hydraulic oil		68 l	18 US gal
Fuel tank		64 l	17 US gal
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety cab homologation		ROPS/FOPS	ROPS/FOPS
Controls		Single joystick with FNR	Single joystick with FNR

MTA 5519 S3 - Dimensional drawing

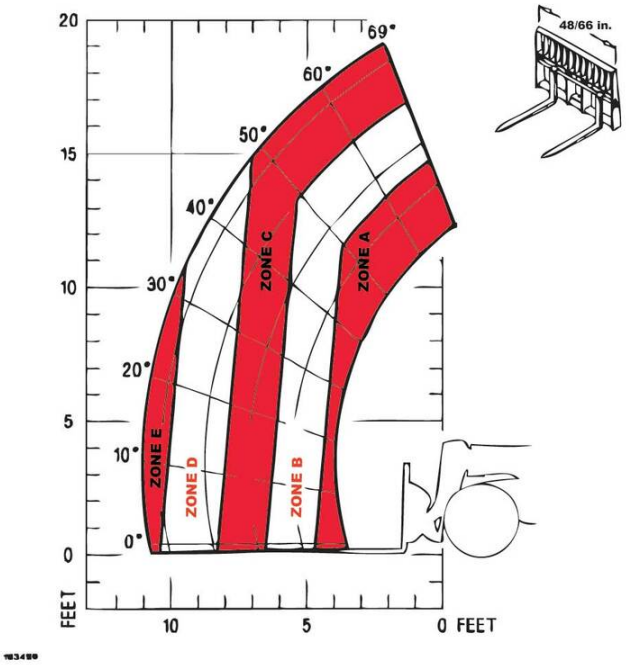


MTA 5519 S3 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on tyres with forks Imperial



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