

Technical sheet :

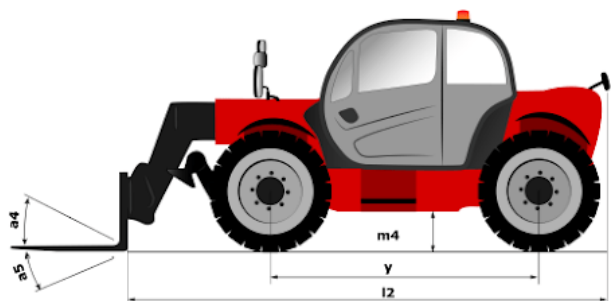
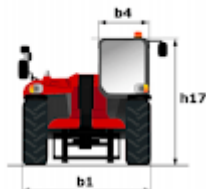
MTA 6034 S3



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		5999 lb
Max. lifting height		34 ft 3 in
Max. outreach		23 ft 3 in
Weight and dimensions		
Overall length to carriage	l11	16 ft
Overall width	b1	7 ft 10 in
Overall height	h17	7 ft 9 in
Wheelbase	y	9 ft 2 in
Ground clearance	m4	14 in
Overall cab width	b4	30 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	106 °
External turning radius	Wa3	12 ft 6 in
Unladen weight (with forks)		15113 lb
Standard tires		15 x 19.5
Frame leveling longitudinal +/-		10 °
Frame leveling corrector	a9	10 °
Performances		
Lifting		11 s
Lowering		8 s
Extension		10 s
Retraction		11 s
Crowd		4 s
Dump		3 s
Engine		
Engine brand		Deutz
Engine norm		Stage IV / Tier 4 Final
Engine model		TD3.6 L4
Number of cylinders / Capacity of cylinders		4 - 0.22 in³
I.C. Engine power rating - Power		74.29 Hp / 55.40 kW
Max. torque / Engine rotation		243 ft/lbs @ 330 rpm
Transmission		
Transmission type		Torque converter with powershift gearbox
Number of gears (forward / reverse)		3 / 3
Travel speed (laden)		18 mph
Parking brake		SAHR
Service brake		Wet disc brakes
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		29 US gpm-3002 PSI
Tank capacities		
Engine oil		2 US gal
Hydraulic oil		35 US gal
Fuel tank		29 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety cab homologation		ROPS/FOPS
Controls		Single joystick with FNR

MTA 6034 S3 - Dimensional drawing





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