

Technical sheet :

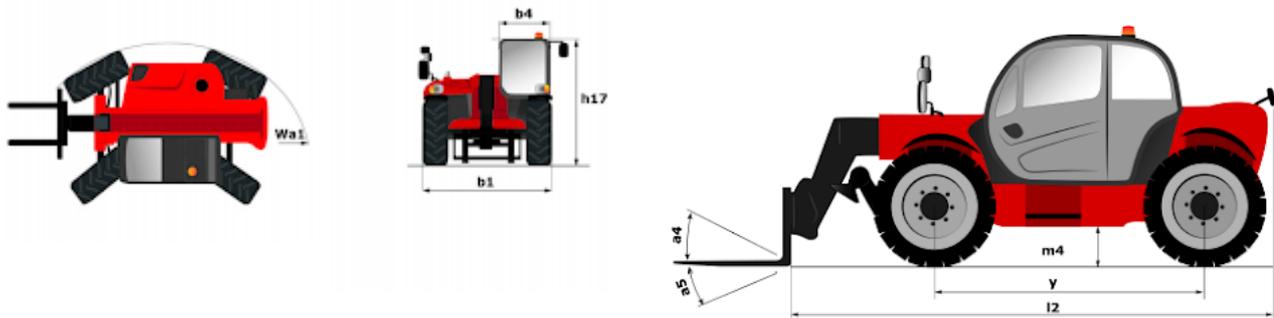
MTA 10055 SERIES IV



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	10000 lb
Max. lifting height		55 ft
Maximum outreach		41 ft 2 in
Weight and dimensions		
Overall length to carriage	l11	21 ft
Overall width	b1	8 ft 4 in
Overall height	h17	8 ft 6 in
Wheelbase	y	10 ft 4 in
Ground clearance	m4	18 in
Overall cab width	b4	33 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	112 °
External turning radius	Wa3	13 ft 11 in
Unladen weight (with forks)		27800 lb
Standard tires		14 x 24
Frame leveling longitudinal +/-		10 °
Frame leveling corrector	a9	10 °
Performances		
Lifting		15 s
Lowering		10 s
Extension		15 s
Retraction		12 s
Crowd		10 s
Dump		5 s
Engine		
Engine brand		Deutz
Engine norm		Tier 4 final
Engine model		TCD 3.6 L4
Number of cylinders / Capacity of cylinders		4 - 0.23 in³
Engine power (Hp/kW)		119.35 Hp / 89 kW
Max. torque / Engine rotation		354 ft/lbs @ 1600 rpm
Transmission		
Transmission type		Torque converter with powershift gearbox
Number of gears (forward / reverse)		4 / 3
Travel speed (laden)		20 mph
Max. travel speed		20 mph
Parking brake		Hydraulic spring release SAHR
Service brake		Wet disc brakes
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		41 US gpm-3002 PSI
Tank capacities		
Engine oil		4 US gal
Hydraulic oil		45 US gal
Diesel Exhaust fluid (AdBlue® type)		5 US gal
Fuel		47 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		ROPS/FOPS
Controls		Single Joystick FNR

MTA 10055 Series IV - Dimensional drawing





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