Technical sheet :

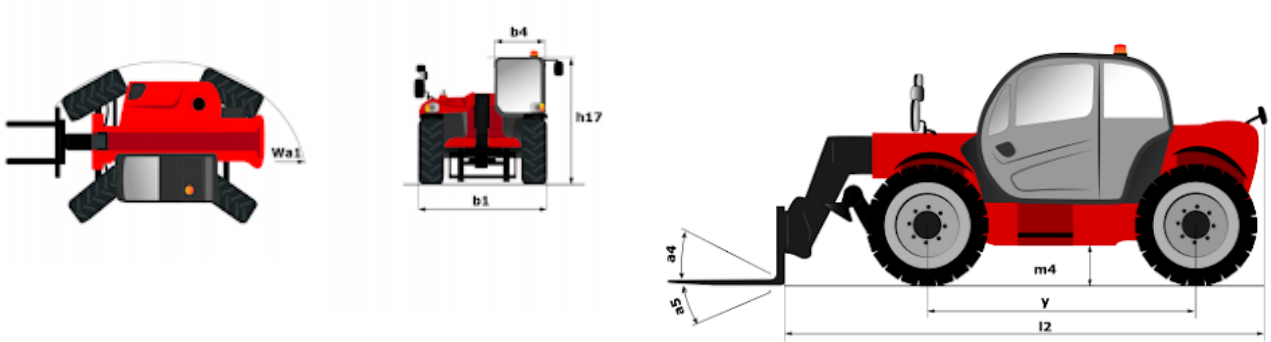
MTA 10055 SERIES IV



MANITOU
HANDLING YOUR WORLD

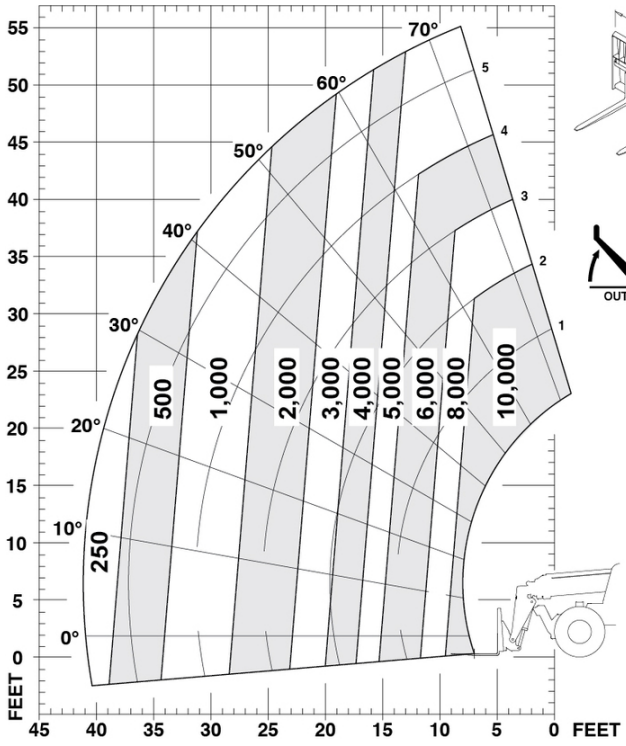
Capacities		Imperial
Max. capacity		10000 lb
Max. lifting height		55 ft
Max. outreach		41 ft 2 in
Weight and dimensions		
Overall length to carriage	l11	21 ft
Overall width	b1	8 ft 4 in
Overall height	h17	8 ft 6 in
Wheelbase	y	10 ft 4 in
Ground clearance	m4	18 in
Overall cab width	b4	33 in
Tilt-up angle	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
I.C. Engine power rating - Power		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		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
Fuel tank		47 US gal
DEF tank capacity		5 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 10055 Series IV - Dimensional drawing

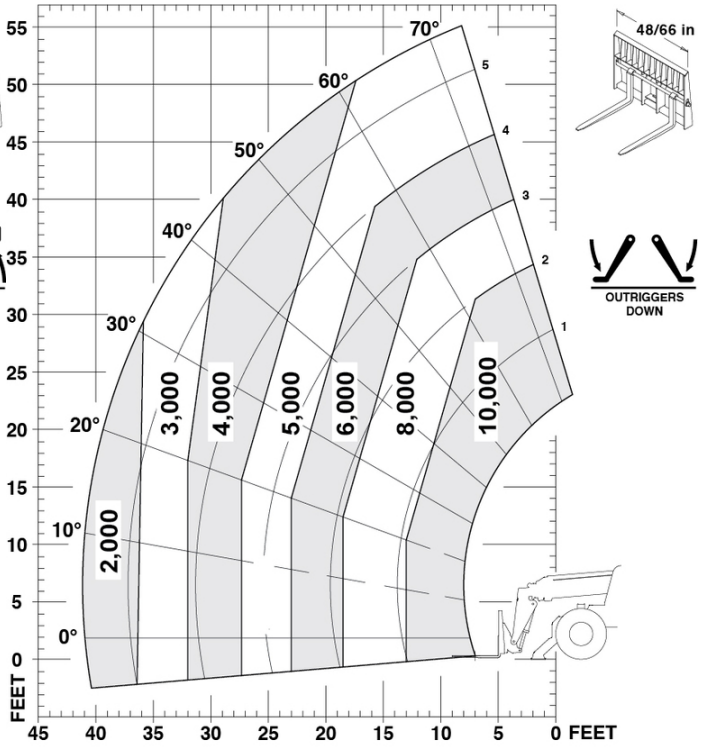


MTA 10055 Series IV - Load chart

Machine on tyres with forks Imperial



Machine on lowered stabilisers with forks Imperial



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