

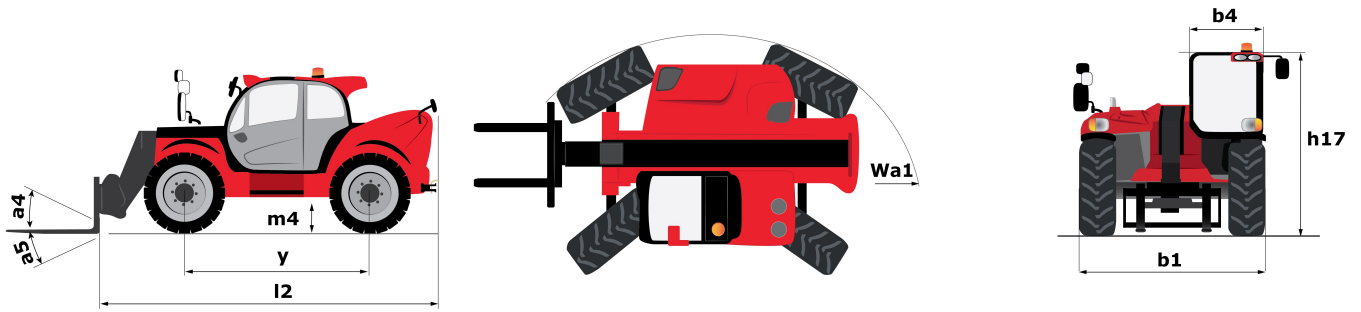
Technical sheet :

MTA 12055 SERIE 3



Capacities		Metric	Imperial
Max. capacity	Q	5444 kg	12002 lbs
Max. lifting height	h3	1680 mm	66.142 in
Max. Reach	l4	1220 mm	48.031 in
Breakout force with bucket		62.2 daN	62.2 daN
Weight and dimensions			
Overall length to carriage	l11	6400 mm	251.969 in
Overall width	b1	2500 mm	98.425 in
Overall height	h17	2600 mm	102.362 in
Wheelbase	y	3300 mm	129.921 in
Ground clearance center	m4	406 mm	15.984 in
Overall cab width	b4	864 mm	34.016 in
Tilt-up angle	a4	30 °	30 °
Tilt-down angle	a5	102 °	102 °
Unladen weight		14442 kg	31839 lbs
Standard tyres		14 x 24	14 x 24
Performances			
Lifting		15 s	15 s
Lowering		11 s	11 s
Extension		15 s	15 s
Retraction		16 s	16 s
Dump		4 s	4 s
Engine			
Engine brand		Cummins	Cummins
Engine norm		Tier IV Final	Tier IV Final
Engine model		QSF 3.8 Tier IV	QSF 3.8 Tier IV
Number of cylinders / Capacity of cylinders		4 - 3.8 cm ³	4 - 0.23 in ³
I.C. Engine power rating - Power (kW)		120 Hp / 89 kW	120 Hp / 89 kW
Max. torque / Engine rotation		488 Nm @ 2500 tr/min	488 Nm @ 2500 tr/min
Transmission			
Transmission type		Powershift	Powershift
Number of gears (forward / reverse)		4 / 4	4 / 4
Travel speed (laden)		36.7 km/h	22.8 mph
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		162 l/min / 207 Bar	162 l/min / 14 PSI
Tank capacities			
Engine oil		14.7 l	3.23 gal
Hydraulic oil		155 l	34.1 gal
Fuel tank		114 l	25.08 gal
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety cabin homologation		ROPS/FOPS	ROPS/FOPS
Controls		Single Joystick FNR	Single Joystick FNR

Dimensional drawing





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