

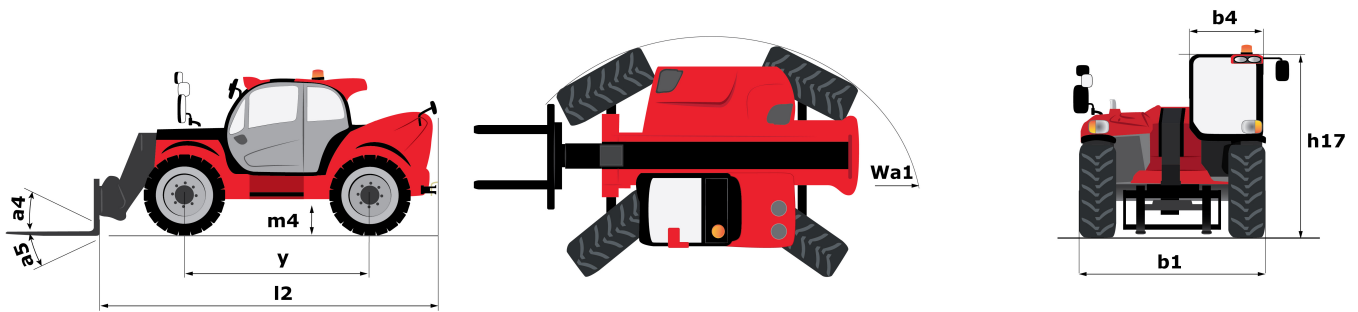
Technical sheet :

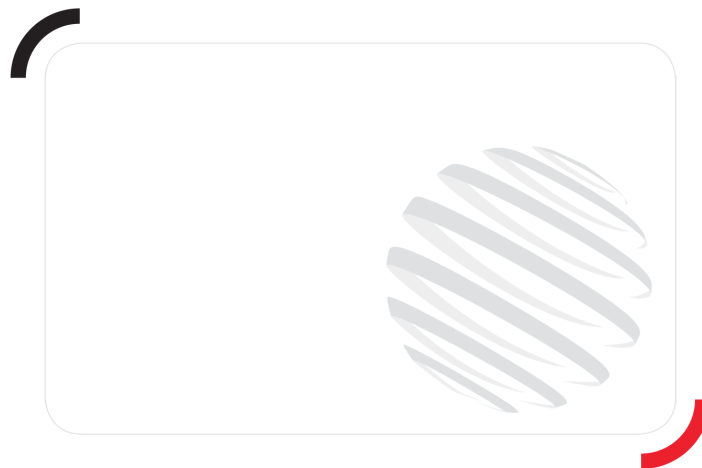
MTA 9050 S3



Capacities		Metric	Imperial
Max. capacity	Q	4082 kg	8999 lbs
Max. lifting height	h3	15.3 m	50 ft 2 in
Max. Reach	l4	11.1 m	36 ft 5 in
Weight and dimensions			
Overall length to carriage	l11	6.4 m	21 ft
Overall length (with forks)	l1	6.4 m	21 ft
Overall width	b1	2.53 m	8 ft 4 in
Overall height	h17	2.59 m	8 ft 6 in
Wheelbase	y	3.15 m	10 ft 4 in
Ground clearance	m4	457 mm	17.992 in
Overall cab width	b4	838 mm	32.992 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	112 °	112 °
External turning radius	Wa3	4.24 m	13 ft 11 in
Unladen weight (with forks)		13562 kg	29899 lbs
Standard tyres		14 x 24	14 x 24
Frame levelling longitudinal +/- (Degree)		10	10
Performances			
Lifting		15 s	15 s
Lowering		10 s	10 s
Extension		15 s	15 s
Retraction		12 s	12 s
Crowd		10 s	10 s
Dump		5 s	5 s
Engine			
Engine brand		Cummins	Cummins
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		QSF 3.8	QSF 3.8
Number of cylinders / Capacity of cylinders		4 - 3.80 cm³	4 - 0.23 in³
Power (kW)		89 kW	89 kW
Max. torque		488 Nm/m	488 Nm/m
Transmission			
Transmission type		Torque Converter with powershift	Torque Converter with powershift
Number of gears (forward / reverse)		4 / 3	4 / 3
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		157 l/min / 207 Bar	157 l/min / 14 PSI
Tank capacities			
Engine oil		14.70 l	3.23 gal
Hydraulic oil		170 l	37.39 gal
Fuel tank		178 l	39.15 gal
DEF tank capacity		19 l	4.18 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 FNR	Single Joystick FNR

Dimensional drawing





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