

Technical sheet :

MTA 1242 MAX



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		5443.10 kg
Max. lifting height		12.96 m
Max. outreach		8.69 m
Weight and dimensions		
Overall length to carriage	l11	6.30 m
Overall length (with forks)	l1	7.51 m
Overall width	b1	2.54 m
Overall height	h17	2.47 m
Wheelbase	y	3.50 m
Ground clearance	m4	0.48 m
Overall cab width	b4	0.95 m
Tilt-up angle	a4	34 °
Tilt-down angle	a5	96 °
External turning radius	Wa3	3.88 m
Overall weight		12836.66 kg
Tires type		Pneumatic
Forks length / width / section	l / e / s	1219 mm x 152 mm x 63.50 mm
Frame leveling longitudinal +/-		10 °
Performances		
Lifting		16 s
Lowering		11 s
Extension		17 s
Retraction		12 s
Crowd		4 s
Dump		6 s
Engine		
Engine brand		Deutz
Engine norm		Tier 4 final
Engine model		TCD 3.6 L4
Number of cylinders / Capacity of cylinders		4 - 3600 cm³
I.C. Engine power rating - Power		127 Hp / 95 kW
Max. torque / Engine rotation		500 Nm @ 2300 rpm
Transmission		
Transmission type		Powershift
Number of gears (forward / reverse)		5 / 3
Max. travel speed		36.20 km/h
Parking brake		Hydraulic spring release SAHR
Service brake		Wet disc brakes
Hydraulics		
Hydraulic pump type		Axial piston
Hydraulic flow / Pressure		151 l/min-275.80 bar
Tank capacities		
Engine oil		8.51 l
Hydraulic oil		143.80 l
Fuel tank		144 l
DEF tank capacity		15.14 l
Noise and vibration		
Noise at driving position (LpA)		80 dB
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2



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