

Technical sheet :

# MTA 1242 MAX



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Capacities		Metric	
Max. capacity		5443.10 kg	
Max. lifting height		12.96 m	
Maximum 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	
Engine power (Hp/kW)		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	
Diesel Exhaust fluid (AdBlue® type)		15.14 l	
Fuel		144 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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