Technical sheet:

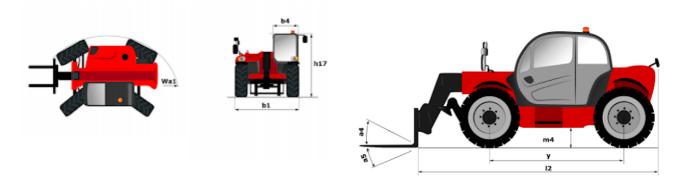
MTA 12042 SERIES IV





Capacities		Metric
Max. capacity		5443.12 kg
Aax. lifting height		12.80 m
Aaximum outreach		8.50 m
Weight and dimensions		0.00 111
Overall length to carriage	l11	5.90 m
Overall width	b1	2.53 m
Overall height	h17	2.41 m
Vheelbase	y	3.15 m
Ground clearance	m4	457 mm
Overall cab width	b4	838 mm
		12 °
iilt-up angle	a4	
ilt-down angle	a5	112 °
external turning radius	Wa3	4.24 m
Inladen weight (with forks)		11431 kg
Overall weight		11431 kg
Standard tires		14 x 24
Frame leveling longitudinal +/-		10 °
rame leveling corrector	a9	10°
Performances		
ifting		15 s
Lowering		10 s
Extension		14 s
Retraction		10 s
Crowd		6 s
Dump		3 s
Engine Control of the		
Engine brand		Deutz
Engine norm		Tier 4 final
Engine model		TCD 3.6 L4
Number of cylinders / Capacity of cylinders		4 - 3.80 cm ³
Engine power (Hp/kW)		119.35 Hp / 89 kW
Max. torque / Engine rotation		480 Nm @ 1600 rpm
Transmission		ioo iiii (a rooo ipiii
Transmission type	Torque	converter with powershift gearbox
Number of gears (forward / reverse)	Torque	4 / 3
Max. travel speed		32.30 km/h
	u.	
Parking brake	7	rdraulic spring release SAHR Wet disc brakes
Service brake		
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		157 l/min-207 bar
ank capacities		
ingine oil		14.70 l
lydraulic oil		170 I
tiesel Exhaust fluid (AdBlue® type)		19
uel		178 l
Miscellaneous		
Steering wheels (front / rear)		2/2
rive wheels (front / rear)		2/2
Cab certification		ROPS/FOPS
Controls		Single Joystick FNR

MTA 12042 Series IV - Dimensional drawing







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