

Technical sheet :

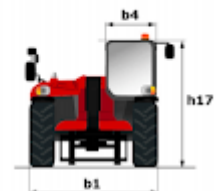
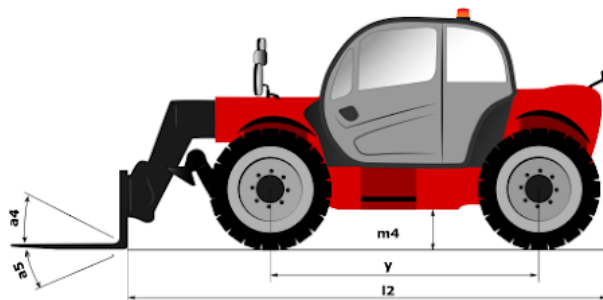
MTA 12042 SERIES IV

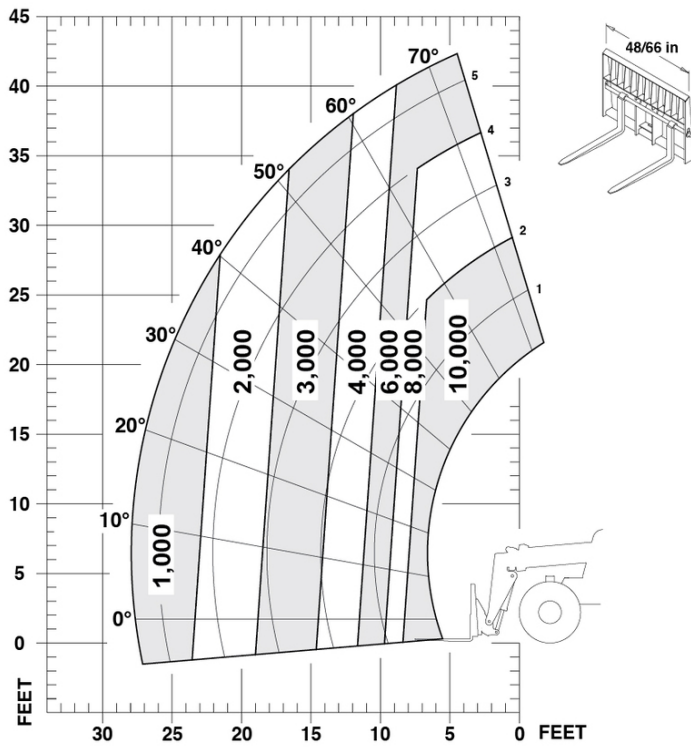


 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		5443.12 kg
Max. lifting height		12.80 m
Max. outreach		8.50 m
Weight and dimensions		
Overall length to carriage	l11	5.90 m
Overall length (with forks)	l1	5.90 m
Overall width	b1	2.53 m
Overall height	h17	2.41 m
Wheelbase	y	3.15 m
Ground clearance	m4	457 mm
Overall cab width	b4	838 mm
Tilt-up angle	a4	12 °
Tilt-down angle	a5	112 °
External turning radius	Wa3	4.24 m
Unladen weight (with forks)		11431 kg
Overall weight		11431 kg
Standard tyres		14 x 24
Frame levelling longitudinal +/-		10 °
Performances		
Lifting		15 s
Lowering		10 s
Extension		14 s
Retraction		10 s
Crowd		6 s
Dump		3 s
Engine		
Engine brand		Deutz
Engine norm		Tier 4 final
Engine model		TCD 3.6 L4
Number of cylinders / Capacity of cylinders		4 - 3.80 cm³
Power (kW)		89 kW
Max. torque / Engine rotation		480 Nm @ 1600 rpm
Transmission		
Transmission type		Torque converter with powershift
Number of gears (forward / reverse)		4 / 3
Max. travel speed		32.30 km/h
Parking brake		SAHR
Service brake		Wet disc brakes
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		157 l/min / 207 bar
Tank capacities		
Engine oil		14.70 l
Hydraulic oil		170 l
Fuel tank		178 l
DEF tank capacity		19 l
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety cab homologation		ROPS/FOPS
Controls		Single joystick with FNR

MTA 12042 Series IV - Dimensional drawing







Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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