Technical sheet :

MLA 5-60 H-Z

MANITOU
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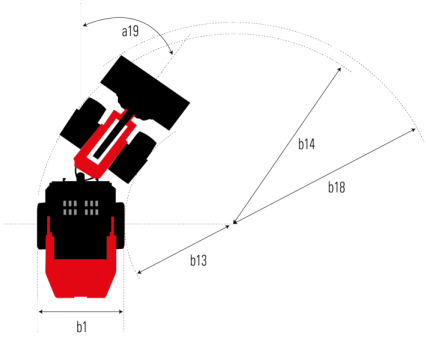
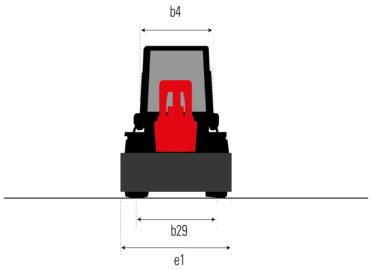
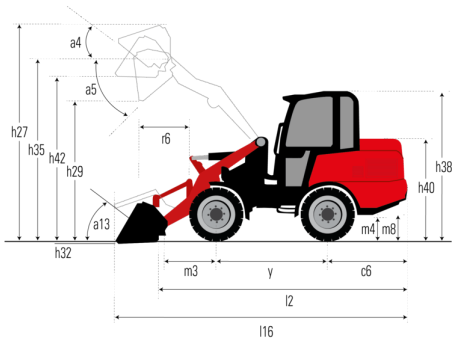
Capacities		Metric
Static tipping load with bucket (straight)		2190 kg
Static tipping load with bucket (full turn)		1694 kg
Static tipping load with forks (straight)		1547 kg
Static tipping load with forks (full turn)		1204 kg
Max. height of bucket pivot point	h35	3.16 m
Max. lifting height (below forks)	h3	2.97 m
Reach at max. height		0.43 m
Breakout force with bucket		4329.46 daN
Weight and dimensions		
Unladen weight (with forks) with 4-post canopy		3388.30 kg
Overall length to carriage (with hitch)	l11	4.18 m
Wheelbase	y	1744 mm
Overall width of 4 posts canopy	b22	1.23 m
Overall cab width	b4	1.22 m
Overall height with 4 posts canopy	h38	2.31 m
Overall height with cab	h17	2.31 m
Tilt-up angle	a4	39.90 °
Tilt-down angle	a5	44.70 °
Articulation angle	a19	45 °
Overall width less bucket	b1	1.47 m
Ground clearance	m4	0.25 m
Performances		
Crowd		2.52 s
Dump		1.85 s
Engine		
Engine brand		Deutz
Engine model		TD 2.2 L3
Engine norm		Stage V / Tier 4 Final
Number of cylinders / Capacity of cylinders		3 - 337.82 cm³
Engine power (Hp / kW)		60 Hp / 45.50 kW
Max. torque / Engine rotation		200 Nm / 2400 rpm
Engine cooling system		2 radiators water + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		28.32 km/h
Differential lock		Front and rear locking of the machine
Parking brake		Manual
Service brake		Hydraulic drum brake on front axle, acting on all 4 wheels
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		58.30 l/min / 210 bar
High-Flow Option (l/min)		72.30 l/min
Drive hydraulic system pressure		420 bar
Tank capacities		
Hydraulic oil		45 l
Fuel tank capacity		82.50 l
Miscellaneous		
Cab certification		ROPS - FOPS cab (level 1)

MLA 5-60 H-Z - 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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