Technical sheet :

MLA-T 516-75 H

MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Static tipping load with bucket (straight)		3535 kg
Static tipping load with forks (straight)		2732 kg
Static tipping load with forks (full turn)		2000 kg
Max. payload with forks as per EN 474-3 (80%)		1600 kg
Max. height of bucket pivot point	h35	5.03 m
Max. lifting height (below forks)	h3	4.84 m
Max. outreach	r1	3.30 m
Weight and dimensions		
Unladen weight (with forks) with 4-post canopy		5543 kg
Ground clearance	m4	0.31 m
Overall length to carriage (without hitch)	l3	4.95 m
Overall width of 4 posts canopy	b22	1.28 m
Overall cab width	b4	1.28 m
Overall width (over tyres)	b1	1.74 m
Overall height with 4 posts canopy	h38	2.48 m
Articulation angle		44 °
Engine		
Engine brand		Deutz
Environmental norm		Stage 3B
Engine model		TD_3_6_L4
Number of cylinders / Capacity of cylinders		4 - 3600 cm³
I.C. Engine power rating / Power (kW)		74.30 Hp / 55.40 kW
Max. torque / Engine rotation		330 Nm / 1600 rpm
Engine cooling system		2 radiators water + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Travel speed (laden)		20 km/h
Max. travel speed (may vary according to applicable regulations)		30 km/h
Differential lock		Machine Lock Rear & front
Parking brake		Manual
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		70 l/min / 200 Bar
High-Flow Option (l/min)		110 l/min
Drive hydraulic system pressure		380 Bar
Tank capacities		
Hydraulic oil		74 l
Fuel tank		102 l
Noise and vibration		
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Safety cab homologation		ROPS - FOPS cab (level 1)

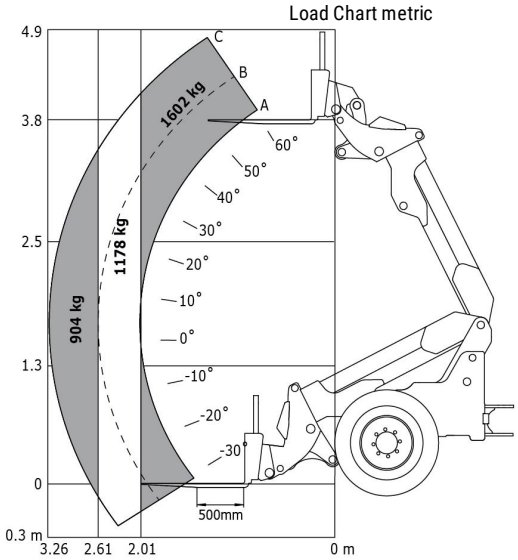
Options / Finishing

S : Standard / O : Optional / - : Not available

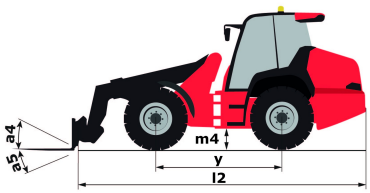
	Essential	Classic	Premium
Lifting function			
Boom suspension	O	O	S
Easy Connect System (E.C.S.)	S	-	-
Hydraulic attachment locking	S	S	S
Operator station			
Adjustable and telescopic steering column	S	S	S
Air conditioning with manual adjustment	-	-	S
Air pre-filter	S	-	-
Air suspension seat	-	O	S
Canopy	S	-	-
Closed cab with heating	-	-	S
Floor mat	S	S	S
Manual air conditioning	-	O	-
Suspension Seat - Mechanical	S	-	-
Tuner car radio (50 W)	-	S	S
Motorization/Power			
Attachment hydraulic line	S	S	S
Continuous flow hydraulics	S	S	S
Hand throttle	S	S	S
Self cleaning air prefilter	-	S	S
Speed control	O	O	S
Third speed	O	O	S
Lighting			
Complete road lighting	O	-	S

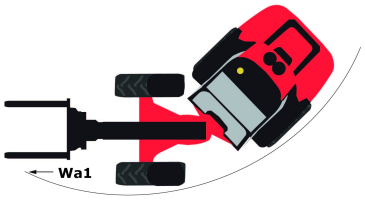
	Essential	Classic	Premium
Flat LED rotating beacon (-71 mm)	O	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	O	S
Front and rear work lights on cab (x4: 2 front + 2 rear)	S/O**	S	-

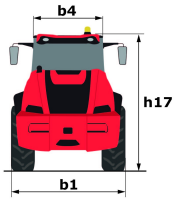
Load chart


Load Chart metric
4.9
3.8
2.5
1.3
0
0.3 m
3.26
2.61
2.01
0 m
C
B
A
1602 kg
1178 kg
904 kg
60°
50°
40°
30°
20°
10°
0°
-10°
-20°
-30°
500mm

Dimensional drawing







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