

Technical sheet

MLA-T 533-145 V+

Articulated loaders



Capacities	Metric
Static tipping load with forks (straight)	4978 kg
Static tipping load with forks (full turn)	4147 kg
Max. payload with forks as per EN 474-3 (80%)	3300 kg
h3 - Max. lifting height (below forks)	5.20 m
Max. outreach	3.30 m
Reach at max. height	1.20 m
Breakout force with bucket	6730 daN
Weight and dimensions	
Unladen weight (with forks) with cab	8430 kg
m4 - Ground clearance	0.39 m
l2 - Overall length to carriage (with hitch)	5.72 m
y - Wheelbase	2.50 m
b1 - Overall width (over tyres)	2.29 m
h17 - Overall height with cab	2.70 m
a4 - Crowd angle	9 °
a5 - Dump angle	156 °
wa1 - External turning radius (over tyres)	4.20 m
Articulation angle	44 °
Standard tyres	460/70 R24 159A8 A580 - Alliance
Performances	
Lifting	- / 6 s
Lowering	- / 5.10 s
Extension	- / 3.80 s
Retraction	- / 2.40 s
Crowd	3.50 s
Dump	2.70 s
Engine	
Brand	Deutz
Environmental norm	Stage IV / Tier 4 Final
Model	TCD 4.1 L4
Number of cylinders - Cubic capacity	4 - 4038 cm ³
Power	143 hp / 105 kW
Max. torque	550 Nm at 1600 rpm
Transmission	
Type	M-Vario Plus (Continuous Variable Transmission)
Max. travel speed	40 km/h
Differential lock	Limited slip differential on front axle
Parking brake	Manual parking brake
Hydraulics	
Hydraulic pump type	Load sensing pump
Hydraulic flow - Pressure	158 l/min - 270 bar
Tank capacities	
Hydraulic oil	150 l
Fuel	150 l
Diesel Exhaust fluid (AdBlue® type)	10 l
Noise & vibration	
Noise at driving position (LpA)	72 dB(A)
Environmental noise (LwA)	107 dB(A)
Vibration to whole hand / arm	2.5 m/s ²
Miscellaneous	
Safety	Tractor homologation Cab ROPS - FOPS Level 2

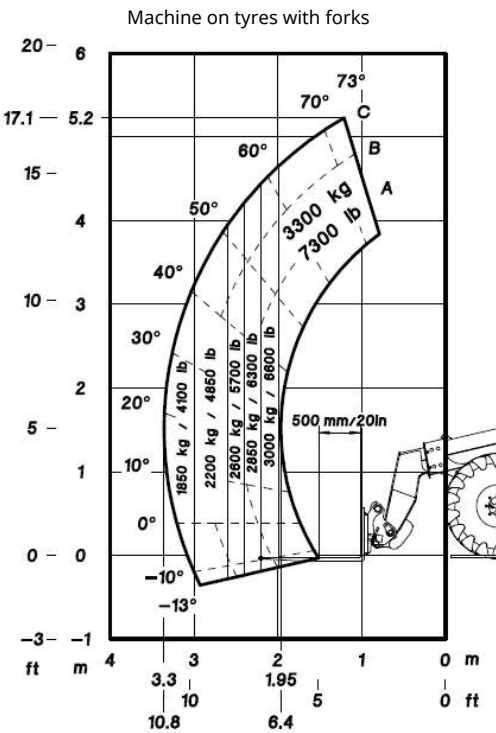
Tyre options

Optional tires	Overall machine height	Overall machine width
Michelin - 460/70 R24 159A8 XMCL	2.70 m	2.29 m
Michelin - 500/70 R24 164A8 XMCL	2.74 m	2.36 m
Michelin - 460/70 R24 159A8 Bibload	2.70 m	2.29 m
Michelin - 500/70 R24 164A8 Bibload	2.74 m	2.36 m

Options / Finishing

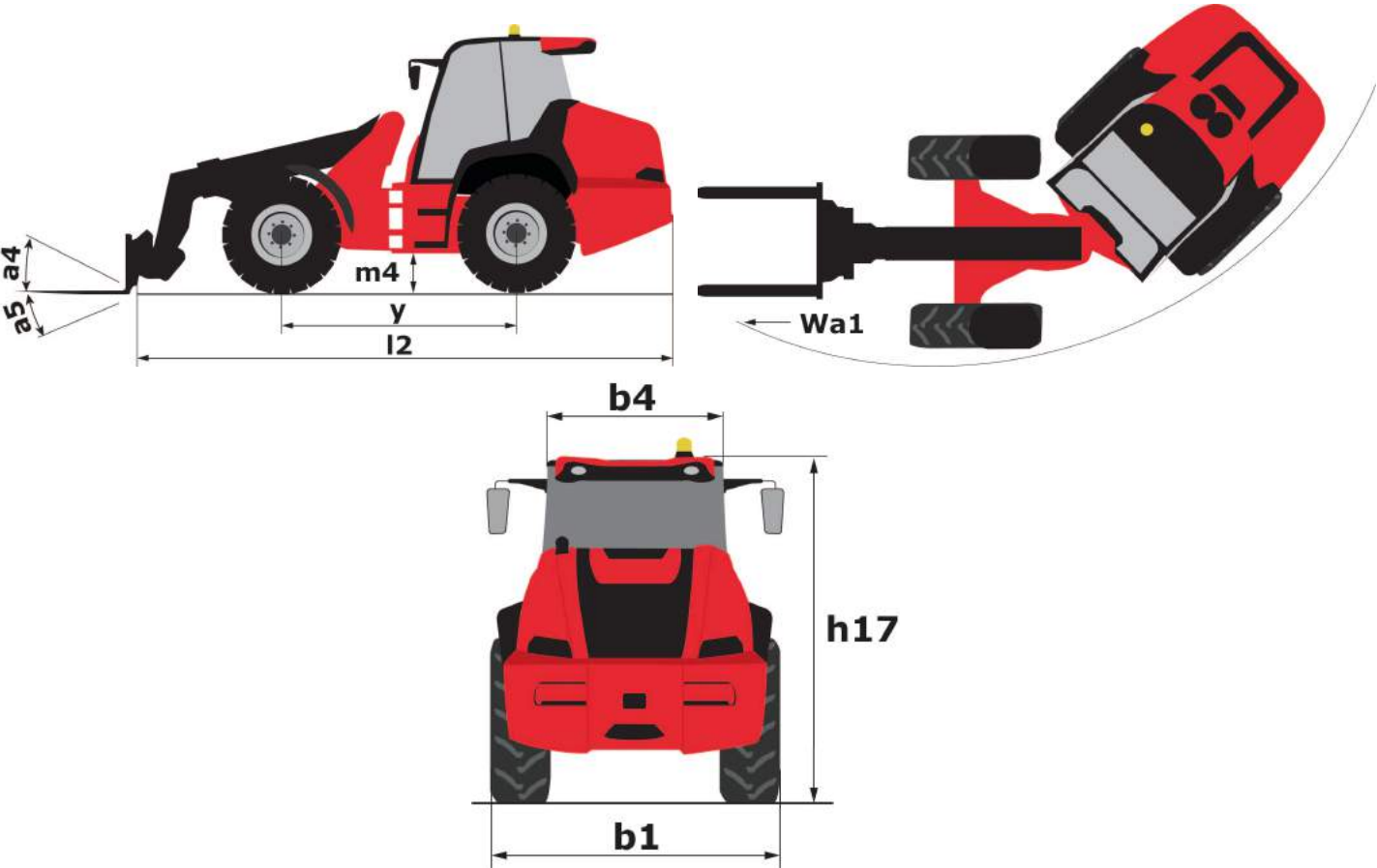
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite
General			
Self cleaning air prefilter	S	S	S
Hand throttle	S	S	S
Speed control	S	S	S
Comfort			
Mechanical cloth-covered seat (Grammer)	S	-	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Low frequency air suspension cloth-covered seat (GRAMMER)	O	O	S
Low frequency air suspension cloth-covered seat with heating (GRAMMER)	O	O	O
Air conditioning with automatic adjustment	O	S	S
"Active CRC" boom suspension	O	O	S
Tuner car radio (50 W)	S	-	-
Bluetooth car radio with integrated microphone (100 W)	O	S	-
Bluetooth car radio with extra microphone (100 W)	O	O	S
Adjustable steering column	S	S	S
Floor mat	S	S	S
Hydraulic			
Attachment hydraulic locking	O	O	O
Easy Connect System (ECS)	S	S	S
Continuous flow hydraulics	O	O	S
Intelligent Hydraulics	O	O	S
Regenerative Hydraulics	O	S	S
Attachment hydraulic line	S	S	S
Electricity / Safety			
Complete road lighting	S	S	S
Rotating beacon light	S	S	S
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-	-
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S	S
Electric mirror with de-icing	O	O	S



Load chart compliant with EN 474-3 (80%)

Dimensional drawing





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