

Technical sheet :

MLA-T 533-145 V+



Capacities		Metric	Imperial
Static tipping load with forks (straight)		4978 kg	10975 lbs
Static tipping load with forks (full turn)		4147 kg	9143 lbs
Max. payload with forks as per EN 474-3 (80%)		3300 kg	7275 lbs
Max. lifting height (below forks)	h3	5.2 m	17 ft 1 in
Max. outreach	l4	3.3 m	10 ft 10 in
Reach at max. height		1.2 m	3 ft 11 in
Breakout force with bucket		6730 daN	6730 daN
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		8430 kg	18585 lbs
Unladen weight (with forks)		8430 kg	18585 lbs
Ground clearance center	m4	0.39 m	1 ft 3 in
Overall length to carriage (with hitch hook)	l11	5.72 m	18 ft 9 in
Overall length to carriage (without hitch hook)	l3	5.72 m	18 ft 9 in
Wheelbase	y	2.5 mm	0.098 in
Overall width (over tyres)	b1	2.29 m	7 ft 6 in
Overall height with cab	h17	2.7 m	8 ft 10 in
Tilt-up angle	a4	9 °	9 °
Tilt-down angle	a5	156 °	156 °
External turning radius (over tyres)	Wa1	4.2 m	13 ft 9 in
Articulation angle		45 °	45 °
Standard tyres		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Performances			
Crowd		3.5 s	3.5 s
Dump		2.7 s	2.7 s
Engine			
Engine brand		Deutz	Deutz
Environmental norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		TCD_4_1_L4	TCD_4_1_L4
Number of cylinders / Capacity of cylinders		4 - 4038 cm ³	4 - 246,41 in ³
I.C. Engine power rating / Power (kW)		143 Hp / 105 kW	143 Hp / 105 kW
Max. torque / Engine rotation		550 Nm / 1600 tr/min	550 Nm / 1600 tr/min
Engine cooling system		3 radiators water intercooler hydraulic oil	3 radiators water intercooler hydraulic oil
Transmission			
Transmission type		M-VarioPlus	M-VarioPlus
Max. travel speed (may vary according to applicable regulations)		40 km/h	24.9 mph
Differential lock		Limited slip differential on front & rear axles	Limited slip differential on front & rear axles
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		158 l/min / 270 Bar	158 l/min / 19 PSI
Tank capacities			
Hydraulic oil		150 l	33 gal
Fuel tank		150 l	33 gal
Diesel Exhaust fluid (AdBlue® type)		10 l	2.2 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB(A)	72 dB(A)
Noise to environment (LwA)		107 dB(A)	107 dB(A)
Vibration to whole hand/arm		2.5 m/s ²	2.5 m/s ²
Miscellaneous			
Safety cabin homologation		Cab ROPS - FOPS Level 2	Cab ROPS - FOPS Level 2

Options / Finishing

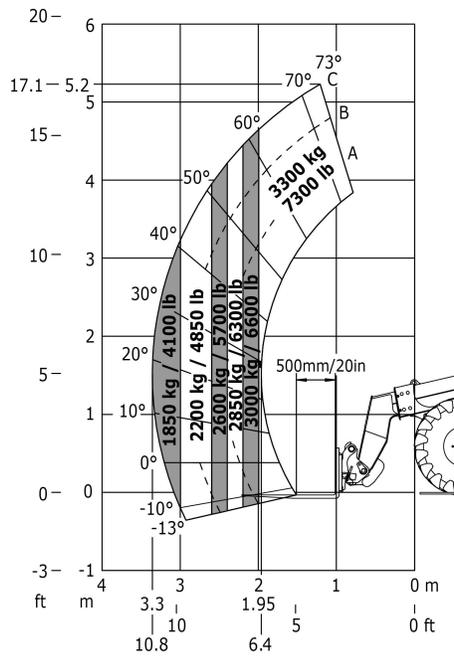
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite

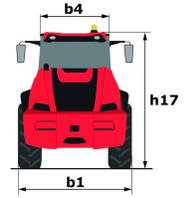
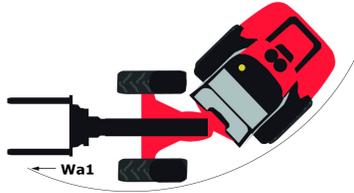
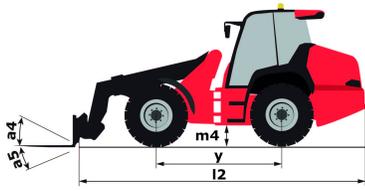
Electric mirrors with de-icing	-	-	S
Comfort			
Low frequency air suspension cloth-covered seat (GRAMMER)	O	O	S
Mechanical cloth-covered seat (GRAMMER)	S	S	-
Air suspension cloth-covered seat (GRAMMER)	O	-	-
Low frequency air suspension cloth-covered seat with heating (GRAMMER)	O	O	-
Tuner car radio (50 W)	S	-	-
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
Air conditioning with automatic adjustment	O	S	S
Floor mat	S	S	S
Hydraulics			
Hydraulic attachment locking	O	O	O
"Intelligent Hydraulics"	O	O	S
"Regenerative Hydraulics"	O	-	S
Attachment hydraulic line	S	S	S
Electricity / Safety			
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	S/O**	O	-
Flat Led Rotating Beacon	S	S	S
Complete road lighting	S	S	S
Cab options			
Adjustable and telescopic steering column	S	S	S
Hand throttle	S	S	S
Boom options			
Easy Connect System (E.C.S.)	-	S	-
Continuous flow hydraulics	O	O	S
Engine & Filtration			
Self-cleaning pre-filter	S	S	-

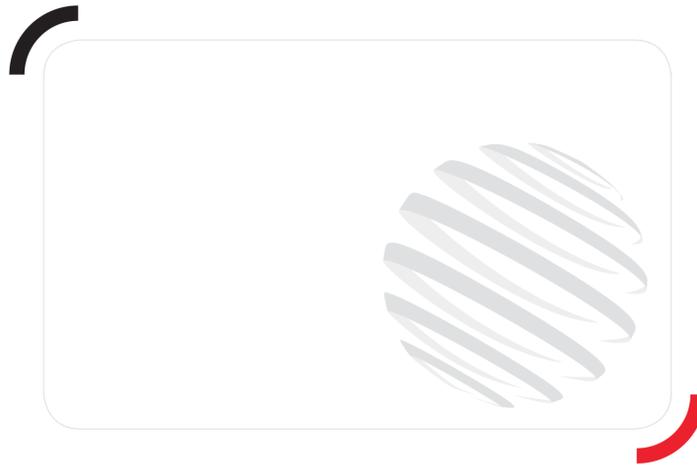
Load chart

Machine on tyres with forks - Load chart compliant with EN 474-3 (80%) Metric



Dimensional drawing





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