Technical sheet:

MLA-T 533-145 V+ - ST5

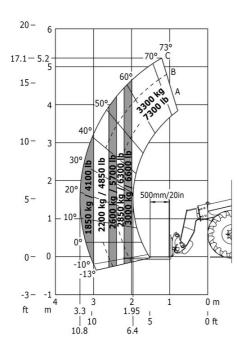




	MLA-T 533-145 V+-ST5 Created on 29 April 2024 at 4:24:08 AM
Capacities	Metric
Static tipping load with forks (straight)	4978 kg
Static tipping load with forks (full turn)	4147 kg
Max. payload with forks as per EN 474-3 (80%)	3300 kg
Max. lifting height (below forks)	h3 5.20 m
Max. outreach	3.30 m
Reach at max. height	1.20 m
Breakout force with bucket	6730 daN
Weight and dimensions	0700 dun
Unladen weight (with forks) with 2-post canopy	2.29 kg
Unladen weight (with forks) with 4-post canopy	8430 kg
Unladen weight (with forks)	8430 kg
Overall length to carriage (with hitch)	l11 5.72 m
Wheelbase	y 2.50 m
Overall height with cab	h17 2.70 m
Filt-up angle	a4 9°
Filt-down angle	a5 156 °
External turning radius (over tyres)	Wa1 4.20 m
Articulation angle	a19 45 °
Overall width less bucket	b1 2.29 m
Overall length - Less Bucket	l2 5.72 m
Standard tires	Alliance - A580 - 460/70 R24 159A8
Ground clearance	m4 0.39 m
Performances	
Crowd	3.50 s
Dump	2.70 s
Engine	
Engine brand	Deutz
Engine model	TCD_4_1_L4
Engine norm	Stage V
Number of cylinders / Capacity of cylinders	4 - 4038 cm³
.C. Engine power rating / Power	143 Hp / 105 kW
Max. torque / Engine rotation	550 Nm / 1600 rpm
Engine cooling system	3 radiators water + intercooler + hydraulic oi
Transmission	
Fransmission type	M-Varioshift
Max. travel speed (may vary according to applicable regulations)	40 km/h
Differential lock	Limited slip differential on front and rear axle
Parking brake	Manual
lydraulics	mundar
Hydraulic pump type	Variable displacement pump
	158 I/min / 270 bar
Hydraulic flow - Pressure	138 I/IIIII / 270 Dai
Fank capacities	4501
lydraulic oil	150
Fuel tank	150
Diesel Exhaust fluid (AdBlue® type)	10
Noise and vibration	
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB
Noise to environment (LwA)	107 dB
/ibration to whole hand/arm	< 2.50 m/s²
Miscellaneous	
Safety cab homologation	ROPS - FOPS level 2 cab

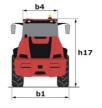
MLA-T 533-145 V+ - ST5 - Load chart

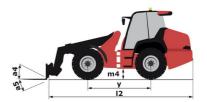
Machine on tyres with forks - Load chart compliant with EN 474-3 (80%) Metric



MLA-T 533-145 V+ - ST5 - Dimensional drawing











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