Technical sheet :

MLA-T 533-145 V+ - ST5

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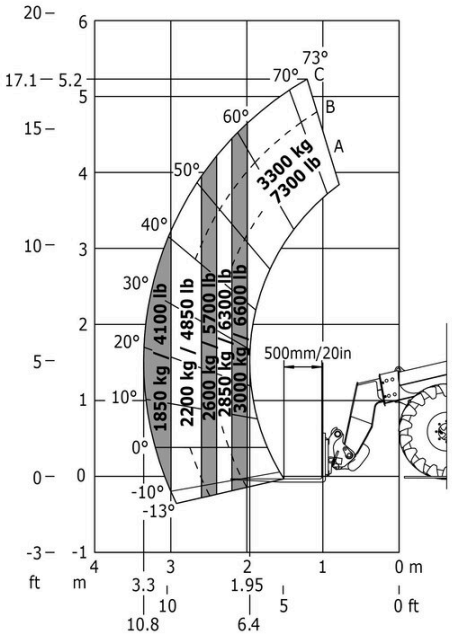
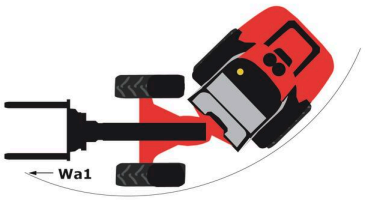
Capacities		Metric
Static tipping load with forks (straight)		4978 kg
Static tipping load with forks (full turn)		4147 kg
Max. payload with forks as per EN 474-3 (80%)		3300 kg
Max. lifting height (below forks)	h3	5.20 m
Max. outreach		3.30 m
Reach at max. height		1.20 m
Breakout force with bucket		6730 daN
Weight and dimensions		
Unladen weight (with forks)		8430 kg
Wheelbase	y	2.50 m
Overall height with cab	h17	2.70 m
Tilt-up angle	a4	9 °
Tilt-down angle	a5	156 °
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
Engine power (Hp / kW)		143 Hp / 105 kW
Max. torque / Engine rotation		550 Nm / 1600 rpm
Engine cooling system		3 radiators water + intercooler + hydraulic oil
Transmission		
Transmission type		M-Varioshift
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front and rear axles
Parking brake		Manual
Service brake		Hydraulic drum brake on front axle, acting on all 4 wheels
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		158 l/min / 270 bar
Tank capacities		
Hydraulic oil		150 l
Fuel tank capacity		150 l
Diesel Exhaust fluid (AdBlue® type) tank capacity		10 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB
Noise to environment (LwA)		107 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Cab certification		Cabin ROPS - FOPS level 2

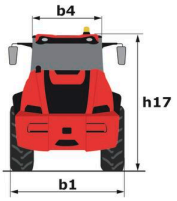
MLA-T 533-145 V+ - ST5 - Load chart

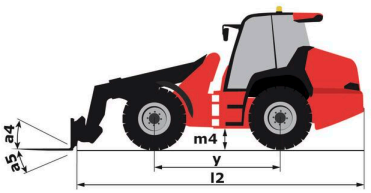
Machine on tires with forks - Load chart compliant with
EN 474-3 (80%) Metric



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







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