Technical sheet :

## MLT-X 1041-145 PS+L

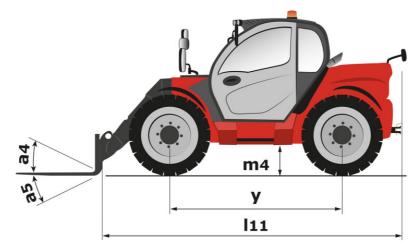




## MLT-X 1041-145 PS+L Created on 3 May 2024 at 8:18:24 am UTC

	MLI-X 1041-143 PSTL Greated on 5 May 2024 at 0.10.24 and
Capacities	Metric
Max. capacity	Q 4100 kg
Max. lifting height	h3 9.65 m
Max. outreach	6.50 m
Reach at max. height	1.50 m
Breakout force with bucket	5043 daN
Weight and dimensions	
Unladen weight (with forks)	9690 kg
Ground clearance	m4 0.43 m
Wheelbase	y 2.88 m
Overall length to carriage (with hitch)	l11 5.20 m
Overall length to carriage (without hitch)	l3 5.03 m
Front overhang	1.30 m
Overall width	b1 2.39 m
Overall cab width	b4 0.99 m
Overall height	h17 2.42 m
Tilt-down angle	a5 135 °
Tilt-up angle	a4 12 °
External turning radius (over tyres)	Wa1 3.74 m
Standard tires	Michelin - XMCL - 460/70 R24 159A8
Drive wheels (front / rear)	2/2
Steering wheels (front / rear)	2/2
Frame leveling corrector	a9 7°
Performances	
Lifting	6.60 s
Lowering	4.70 s
Extension	9.50 s
Retraction	6.90 s
Crowd	3.70 s
Dump	2.80 s
Engine	2.00 5
Engine brand	Yanmar
Engine norm	Stage IIIA
Max. fuel sulphur content	1000 ppm
Engine model	4TN107HT-5SMUF
Number of cylinders - Capacity of cylinders	4 - 4567 cm <sup>3</sup>
I.C. Engine power rating / Power Max. torque / Engine rotation	141 Hp / 105 kW
Drawbar pull (Laden)	602 Nm @1500 rpm 9130 daN
Reversible fan	Standard
Engine cooling system	4 radiators (water + intercooler + hydraulic oil transmission oil)
Transmission	
Transmission type	Torque converter with powershift gearbox
Gearbox	M-Shift
Number of gears (forward / reverse)	5 / 3
Max. travel speed (may vary according to applicable regulations)	40 km/h
Differential lock	Limited slip differential on front and rear axle
Parking brake	Automatic negative parking brake
-	Oil-immersed multi-discs braking on front & re
Service brake	axles
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	200 l/min - 270 bar
Flow sharing distributor	Standard
Tank capacities	
	n an
Hydraulic oil	141
	141   142
Hydraulic oil	
Hydraulic oil Fuel tank Noise and vibration	
Hydraulic oil Fuel tank <mark>Noise and vibration</mark> Noise at driving position (LpA) tested following NF EN 12053 norm	142
Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)	142 I 69 dB 105 dB
Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm	142 l 69 dB
Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous	142 l 69 dB 105 dB < 2.50 m/s²
Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm	142 I 69 dB 105 dB

## MLT-X 1041-145 PS+L - Dimensional drawing





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