Technical sheet :

## MLT-X 841 - 145 PS+

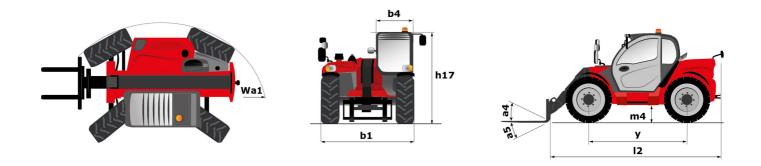




## MLT-X 841 - 145 PS+ Created on May 3, 2024 at 10:22:29 PM UTC

	MLT-X 841 - 145 PS+ (	reated on May 3, 2024 at 10:22:29 PM UT
Capacities		Metric
Max. capacity	Q	4100 kg
Max. lifting height	h3	7.60 m
Max. outreach		4.45 m
Reach at max. height		0.90 m
Breakout force with bucket		5268 daN
Weight and dimensions		
Unladen weight (with forks)		9160 kg
Ground clearance	m4	0.43 m
Wheelbase	у	2.88 m
Overall length to carriage (with hitch)	111	5.40 m
Overall length to carriage (without hitch)	13	5.23 m
Front overhang		1.50 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
Performances		
Lifting		6.40 s
		4.60 s
Lowering Extension		6.10 s
Retraction		
		5.20 s
Crowd		3 s
Dump		2.20 s
Engine		Manuar
Engine brand		Yanmar
Engine norm		Stage IIIA
Max. fuel sulphur content		
Engine model		4TN107HT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm <sup>3</sup>
I.C. Engine power rating / Power		141 Hp / 105 kW
Max. torque / Engine rotation		602 Nm @1500 rpm
Drawbar pull (Laden)		8727 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 axles
Parking brake		Automatic negative parking brake
		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Hydraulics		
Hydraulic pump type		
		Variable displacement pump
Hydraulic flow - Pressure		Variable displacement pump 200 l/min - 270 bar
Hydraulic flow - Pressure Flow sharing distributor		
		200 l/min - 270 bar
Flow sharing distributor		200 l/min - 270 bar
Flow sharing distributor Tank capacities		200 l/min - 270 bar Standard
Flow sharing distributor Tank capacities Hydraulic oil		200 l/min - 270 bar Standard 141 l
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration		200 l/min - 270 bar Standard 141 l
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		200 I/min - 270 bar Standard 141 I 142 I 69 dB
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		200 I/min - 270 bar Standard 141 I 142 I 69 dB 105 dB
Flow sharing distributor Tank capacities 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		200 I/min - 270 bar Standard 141 I 142 I 69 dB
Flow sharing distributor Tank capacities 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		200 I/min - 270 bar Standard 141 I 142 I 69 dB 105 dB < 2.50 m/s <sup>2</sup>
Flow sharing distributor Tank capacities 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		200 I/min - 270 bar Standard 141 I 142 I 69 dB 105 dB

## MLT-X 841 - 145 PS+ - Dimensional drawing





Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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