Technical sheet :

MLT-X 961-160 V+ L



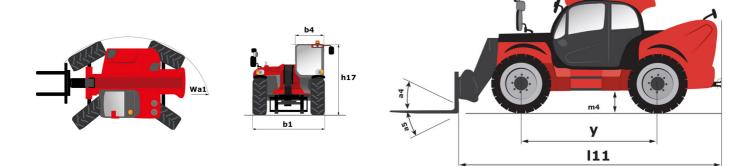


1LT-X 961-160 V+ L(Created on 29 April	2024 at 01:26:35 UTC
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	MLT-X 961-160 V+ L	oreated on 25 riph 2024 at 01.20.00 01
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Max. outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		, 000 dall
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase	у	3 m
Overall length to carriage (with hitch)	, I11	6.10 m
Overall length to carriage (with mich)	13	5.97 m
	15	1.65 m
Front overhang	14	
Overall width	b1	2.48 m
Overall cab width	b4	0.99 m
Overall height	h17	2.55 m
Tilt-down angle	a5	135 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	4.30 m
Standard tires		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Frame leveling corrector	a9	7 °
Performances		
Lifting		8.50 s
Lowering		6.50 s
Extension		7 s
Retraction		6 s
Crowd		3.80 s
Dump		3.60 s
Engine		
Engine brand		Yanmar
Engine norm		Stage IIIA
Max. fuel sulphur content		1000 ppm
Engine model		4TN107TT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm ³
I.C. Engine power rating / Power		156 Hp / 115 kW
Max. torque / Engine rotation		805 Nm @1350 rpm
Drawbar pull (Laden)		9700 daN
Reversible fan		Standard
Engine cooling system		3 radiators water + intercooler + transmission oil
Transmission		M Veria Dive
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
(halondine)		GAIES
		Variable displacement nump
Hydraulic pump type		Variable displacement pump
Hydraulic pump type Hydraulic flow - Pressure		200 l/min - 270 bar
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor		
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities		200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil		200 I/min - 270 bar Standard 180 I
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank		200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration		200 I/min - 270 bar Standard 180 I 142 I
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration		200 l/min - 270 bar Standard 180 l
Hydraulic pump type Hydraulic flow - Pressure 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 180 I 142 I
Hydraulic pump type Hydraulic flow - Pressure 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 180 I 142 I 69 dB
Hydraulic pump type Hydraulic flow - Pressure 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 180 I 142 I 69 dB 105 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank		200 l/min - 270 bar Standard 180 l 142 l 69 dB 105 dB
Hydraulic flow - Pressure 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 l/min - 270 bar Standard 180 l 142 l 69 dB 105 dB < 2.50 m/s ²

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MLT-X 961-160 V+ L - Dimensional drawing





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