

Technical sheet :

# **MLT-X 1040-140 PS+ L**

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Capacities		Imperial
Max. capacity	Q	8818 lb
Max. lifting height	h3	31 ft 6 in
Maximum outreach		21 ft 6 in
Reach at max. height		4 ft 11 in
Breakout force with bucket		5500 daN
Weight and dimensions		
Unladen weight (with forks)		20227 lb
Ground clearance	m4	1 ft 5 in
Wheelbase	y	9 ft 5 in
Overall length to carriage (with hitch)	l11	17 ft
Front overhang		4 ft 2 in
Overall width	b1	7 ft 10 in
Overall cab width	b4	3 ft 3 in
Overall height	h17	7 ft 10 in
Tilt-down angle	a5	135 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	12 ft 3 in
Standard tires		Trelleborg - TH400 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		8.30 s
Lowering		5.40 s
Extension		11.30 s
Retraction		9 s
Crowd		3.80 s
Dump		2.60 s
Engine		
Engine brand		John Deere
Engine norm		Stage IIIA
Engine model		PWL 4045
Number of cylinders - Capacity of cylinders		4 - 275 in³
I.C. Engine power rating / Power		137 Hp / 102 kW
Max. torque / Engine rotation		402 ft/lbs @1500 rpm
Drawbar pull (Laden)		9300 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission		
Transmission type		Torque converter
Gearbox		M-Shift
Number of gears (forward / reverse)		5 / 3
Max. travel speed (may vary according to applicable regulations)		25 mph
Differential lock		Limited slip differential on front and rear axles
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		53 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		41 US gal
Fuel tank		33 US gal
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 8 ft/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

## Options / Finishing

S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite
<b>Lifting function</b>			
Electric predisposition on the top of the boom	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic attachment locking	O	O	O
Intelligent hydraulics	O	O	S
Regenerative Hydraulics	O	S	S
Return pipe to hydraulic oil tank	O	O	O
<b>Operator station</b>			
Air conditioning with manual adjustment	O	S	S
Air suspension fabric seat - GRAMMER	O	S	-
Automatic wheel alignment	O	O	S
Bluetooth USB radio - With extra microphone - 100W	O	O	S
Bluetooth USB radio - With integrated microphone - 100W	O	S	-
Boom suspension - "Active CRC"	O	O	S
Exterior right electric rear-view mirror with de-icing	O	O	S
Hand throttle with engine memo	O	O	S
Lateral wiper	S	S	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Roof wiper	S	S	S
Tuner car radio - 50W	S	-	-
<b>Motorization/Power</b>			
Continuous flow hydraulics	O	O	S
<b>Secondary functions</b>			
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Automatic rotating towing hitch on counterweight	O	O	O
Hydraulic trailer brake	O	O	O
Manual rotating towing hitch	S	S	S
<b>Lighting</b>			
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	-	S	S
Front and rear work lights on cab (x4)	S	-	-
LED + (4 additional work lights)	O	O	S
<b>Security</b>			
Audio warning on reverse	O	O	O
Rear windscreen defrost	S	S	S



**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](http://www.manitou.com)



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