

Technical sheet :

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

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Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	9.6 m	31 ft 6 in
Max. outreach	l4	6.55 m	21 ft 6 in
Reach at max. height		1.5 m	4 ft 11 in
Breakout force with bucket		5500 daN	5500 daN
Weight and dimensions			
Unladen weight (with forks)		9125 kg	20117 lbs
Ground clearance	m4	0.42 m	1 ft 5 in
Wheelbase	y	2.88 m	9 ft 5 in
Overall length to carriage (with hitch hook)	l11	5.17 m	17 ft
Overall length to carriage (without hitch hook)	l3	5.17 m	17 ft
Front overhang		1.26 m	4 ft 2 in
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	1 m	3 ft 3 in
Overall height	h17	2.38 m	7 ft 10 in
Tilt-down angle	a5	135 °	135 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.74 m	12 ft 3 in
Standard tyres		Michelin - Bibload - 460/70 R24 159A8	Michelin - Bibload - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		8.34 s	8.34 s
Lowering		5.36 s	5.36 s
Extension		11.3 s	11.3 s
Retraction		9 s	9 s
Crowd		3.8 s	3.8 s
Dump		2.6 s	2.6 s
Engine			
Engine brand		John Deere	John Deere
Engine norm		Stage IIIA	Stage IIIA
Engine model		PWL 4045	PWL 4045
Number of cylinders - Capacity of cylinders		4 - 4500 cm³	4 - 274.61 in³
I.C. Engine power rating / Power (kW)		137 Hp / 102 kW	137 Hp / 102 kW
Max. torque / Engine rotation		545 @1500 tr/min	545 @1500 tr/min
Drawbar pull (Laden)		9300 daN	9300 daN
Reversible fan		Standard	Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission			
Transmission type		Torque Converter	Torque Converter
Gearbox		Powershift Plus	Powershift Plus
Number of gears (forward / reverse)		5 / 3	5 / 3
Max. travel speed (may vary according to applicable regulations)		40 km/h	24.9 mph
Differential lock		Limited slip differential on front & rear axles	Limited slip differential on front & rear axles
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axles
Hydraulics			
Hydraulic pump type		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		200 l/min - 270 Bar	200 l/min - 19 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		156 l	34.32 gal
Fuel tank		126 l	27.72 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB(A)	74 dB(A)
Environmental noise (LwA)		105 dB(A)	105 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			

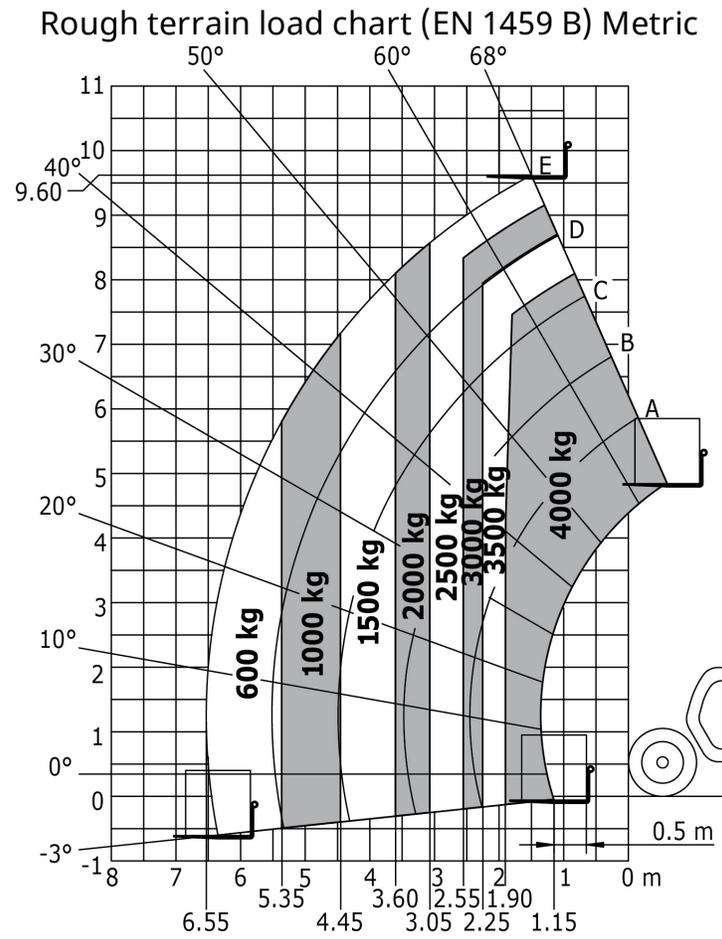
<b>Miscellaneous</b>			
Safety tractor homologation / cabin homologation		Safety tractor homologation - Cab ROPS - FOPS Level 2	Safety tractor homologation - Cab ROPS - FOPS Level 2
Controls		JSM	JSM

## Options / Finishing

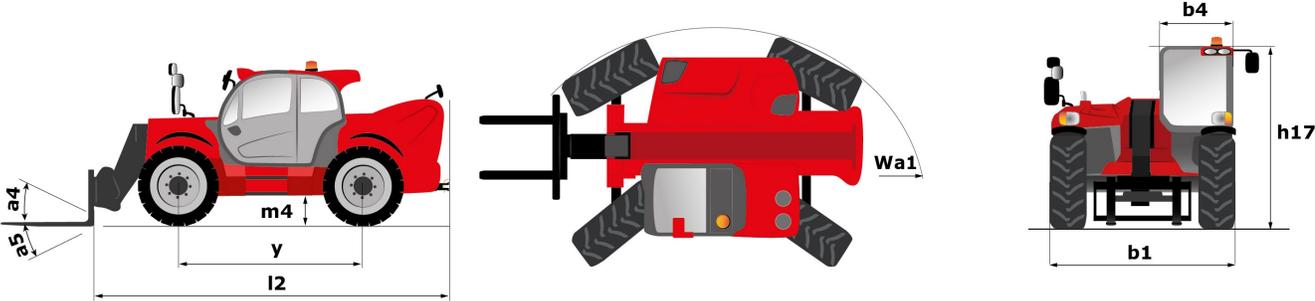
S : Standard / O : Optional / - : Not available

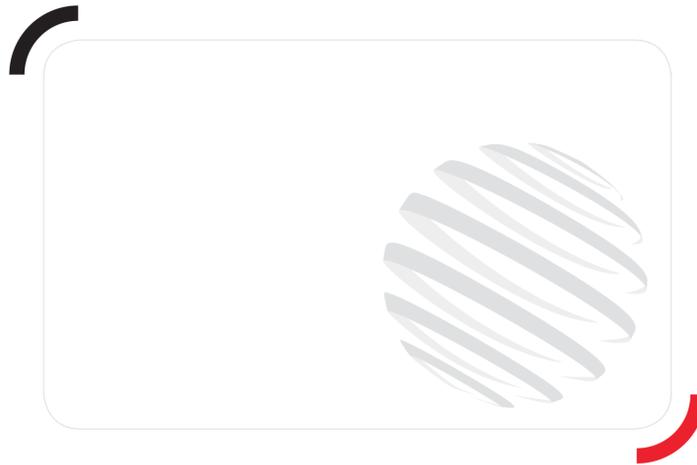
	Classic	Premium	Elite
<b>General</b>			
Automatic wheel alignment	O	O	S
Hand throttle with engine memo	O	O	S
Automatic rotating towing hitch on counterweight	O	O	O
Manual rotating towing hitch	S	S	S
<b>Comfort</b>			
Low frequency air suspension cloth-covered seat (GRAMMER)	O	O	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Tuner car radio (50 W)	S	-	-
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
Air conditioning with manual adjustment	O	S	S
<b>Hydraulics</b>			
Hydraulic attachment locking	O	O	O
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
"Intelligent Hydraulics"	O	O	S
"Regenerative Hydraulics"	O	S	S
<b>Electricity / Safety</b>			
Audio warning on reverse	O	O	O
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-	-
Front and rear LED work lights on cab (x4: 2 front + 2 rear)	-	S	S
Electric mirror with de-icing	O	O	S
LED + (4 additional work lights)	O	O	S
Roof wiper	S	S	S
<b>Cab options</b>			
Lateral wiper	S	S	S
<b>Boom options</b>			
Continuous flow hydraulics	O	O	S
Return pipe to hydraulic oil tank	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
<b>Engine &amp; Filtration</b>			
Auto reversing fan	S	S	S
<b>Safety/Security options</b>			
Hydraulic trailer brake	O	O	O

# Load chart



# Dimensional drawing





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