

Technical sheet :

# **MLT 737-130 PS+ ST4**

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Capacities		Metric	Imperial
Max. capacity	Q	3700 kg	8157 lbs
Max. lifting height	h3	6.9 m	22 ft 8 in
Max. outreach	l4	3.9 m	12 ft 10 in
Reach at max. height		1 m	3 ft 3 in
Breakout force with bucket		5520 daN	5520 daN
Weight and dimensions			
Unladen weight (with forks)		7700 kg	16976 lbs
Ground clearance	m4	0.41 m	1 ft 4 in
Wheelbase	y	2.81 m	9 ft 3 in
Overall length to carriage (with hitch)	l11	4.97 m	16 ft 4 in
Front overhang		1.21 m	4 ft
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.38 m	7 ft 10 in
Tilt-down angle	a5	134 °	134 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.92 m	12 ft 10 in
Standard tyres		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		7.6 s	7.6 s
Lowering		5.4 s	5.4 s
Extension		7.8 s	7.8 s
Retraction		5.9 s	5.9 s
Crowd		3.8 s	3.8 s
Dump		3 s	3 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage IV	Stage IV
Engine model		TCD 3.6 l	TCD 3.6 l
Number of cylinders - Capacity of cylinders		4 - 3621 cm <sup>3</sup>	4 - 220.97 in <sup>3</sup>
I.C. Engine power rating / Power (kW)		129 Hp / 95 kW	129 Hp / 95 kW
Max. torque / Engine rotation		500 Nm/m @1600 tr/min	500 Nm/m @1600 tr/min
Drawbar pull (Laden)		7900 daN	7900 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 (M-Shift)	Powershift Plus (M-Shift)
Number of gears (forward / reverse)		6 / 3	6 / 3
Max. travel speed (may vary according to applicable regulations)		40 km/h	24.9 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Manual	Manual
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Hydraulics			
Hydraulic pump type		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		150 l/min - 270 Bar	150 l/min - 19 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		135 l	29.70 gal
Fuel tank		120 l	26.40 gal
Diesel Exhaust fluid (AdBlue® type)		10 l	2.20 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		73 dB(A)	73 dB(A)
Environmental noise (LwA)		105 dB(A)	105 dB(A)
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>

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

## Options / Finishing

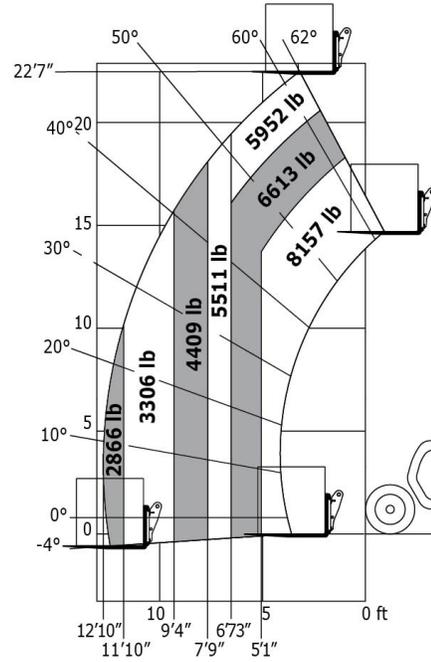
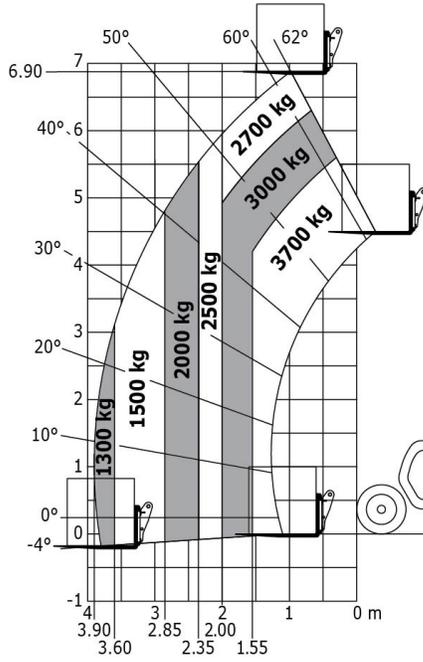
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite
<b>Lifting function</b>			
Easy Connect System (E.C.S.)	S	S	S
Hydraulic attachment locking	O	O	O
Return pipe to hydraulic oil tank	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
"Intelligent Hydraulics"	O	O	O
"Regenerative Hydraulics"	O	O	O
<b>Operator station</b>			
Automatic wheel alignment	O	O	S
"Active CRC" boom suspension	O	O	S
Low frequency air suspension cloth-covered seat (GRAMMER)	-	O	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Low frequency air suspension cloth-covered seat with heating (GRAMMER)	O	O	O
Tuner car radio (50 W)	S	-	-
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
"Harmony" screen	S	S	-
"Vision" display	O	O	S
Air conditioning with manual adjustment	O	S	S
Air conditioning with automatic adjustment	O	O	S
Lateral wiper	S	S	S
Extra front wiper	O	S	S
Electric mirror with de-icing	O	O	S
Air suspension cloth-covered seat	O	-	-
low frequency air suspension cloth-covered seat	-	-	S
vision screen (7")	O	O	S
<b>Motorization/Power</b>			
Self cleaning air prefilter	S	S	S
Auto reversing fan	S	S	S
Continuous flow hydraulics	O	O	S
Hand throttle	O	O	S
<b>Lighting</b>			
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)	O	S	S
LED + (4 additional work lights)	O	O	O
Boom Work Lights (on fixed part) (x2)	O	O	O
<b>Safety</b>			
Audio warning on reverse	O	O	O
<b>Secondary functions</b>			
Additional fuel tank (25 l)	O	O	O
Automatic rotating towing hitch on counterweight	O	O	O
Ladder hitch with choice of hooks	O	O	O
Hydraulic trailer brake	S	S	S
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Manual rotating towing hitch	S	S	S
Additional fuel tank	O	-	-
hydraulic pick-up hitch	O	O	O

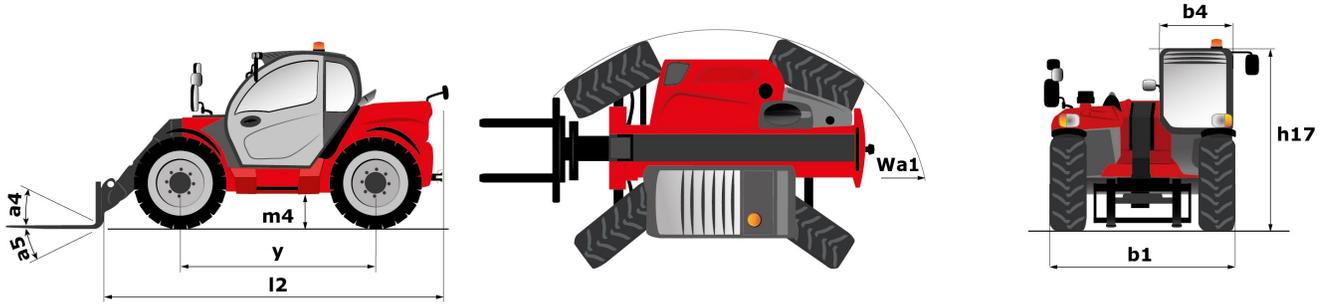
# Load chart

Rough terrain load chart (EN 1459 B) Metric

Rough terrain load chart (EN 1459 B) Imperial



# Dimensional drawing





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