Technical sheet :

MLT 737-130 PS+ ST4

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Capacities		Metric	Imperial
Max. capacity	Q	3700 kg	8157 lb
Max. lifting height	h3	6.90 m	22 ft 8 in
Maximum outreach		3.90 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 lb
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 tires		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		7.60 s	7.60 s
Lowering		5.40 s	5.40 s
Extension		7.80 s	7.80 s
Retraction		5.90 s	5.90 s
Crowd		3.80 s	3.80 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 cm³	4 - 221 in³
I.C. Engine power rating / Power		129 Hp / 95 kW	129 Hp / 95 kW
Max. torque / Engine rotation		500 Nm @1600 rpm	369 ft/lbs @1600 rpm
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	25 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		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		150 l/min - 270 bar	40 US gpm - 3916 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic tank capacity		135 l	36 US gal
Fuel tank		120 l	32 US gal
Diesel Exhaust fluid (AdBlue® type)		10 l	3 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		73 dB	73 dB
Noise to environment (LwA)		105 dB	105 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Tractor homologation		Tractor homologation	Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
Controls		JSM	JSM

Options / Finishing

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

	Classic	Premium	Elite
Lifting function			
Easy Connect System (ECS)	S	S	S
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic attachment locking	O	O	O
Intelligent hydraulics	O	O	O
Regenerative Hydraulics	O	O	O
Return pipe to hydraulic oil tank	O	O	O
Operator station			
Air conditioning with manual adjustment	O	S	S
Air suspension cloth-covered seat	O	-	-
Air suspension fabric seat - GRAMMER	O	S	-
Automatic air conditioning	O	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
Extra front wiper	O	S	S
Harmony screen - 5 in.	S	S	-
Lateral wiper	S	S	S
Low frequency air suspension cloth-covered seat with heating	O	O	O
Low frequency air suspension fabric seat - GRAMMER	-	-	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Tuner car radio - 50W	S	-	-
Vision screen - 7 in.	O	O	S
Motorization/Power			
Continuous flow hydraulics	O	O	S
Hand throttle	O	O	S
Self cleaning air prefilter	S	S	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Additional fuel tank	O	-	-
Additional fuel tank (25 l)	O	O	O
Automatic rotating towing hitch on counterweight	O	O	O
Hydraulic pick-up hitch	O	O	O
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	O	O	O
Manual rotating towing hitch	S	S	S
Lighting			
Boom Work Lights (on fixed part) (x2)	O	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S	S
Front and rear work lights on cab (x4)	S	-	-
LED + (4 additional work lights)	O	O	O
Security			
Audio warning on reverse	O	O	O

MLT 737-130 PS+ ST4 - Dimensional drawing
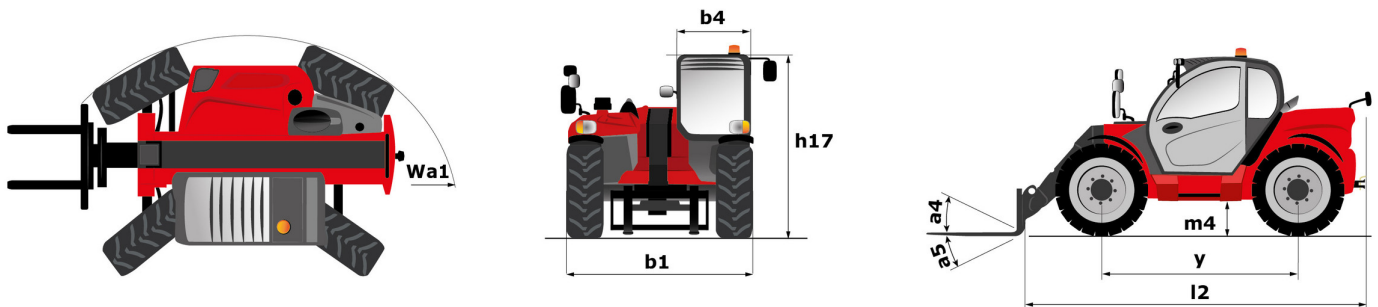
MLT 737-130 PS+ ST4 - Load chart

Machine on tires with forks Metric
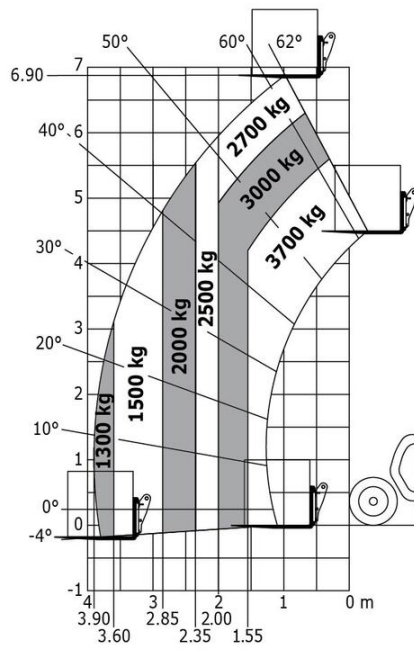
Machine on tires with forks Imperial

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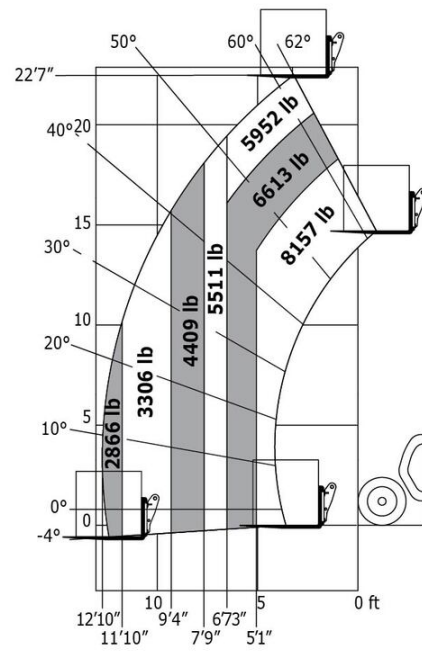
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