Technical sheet:

MLT 737-130 PS+ ST4





Considire		Makin	lean stall	
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	у	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	
,		2/2	2/2	
Steering wheels (front / rear) Performances		L L	<u> </u>	
		7.60 a	7.60 -	
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 I	TCD 3.6 I	
Number of cylinders - Capacity of cylinders		4 - 3621 cm³	4 - 221 in³	
.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	
		4 radiators (water + intercooler + hydraulic oil +	4 radiators (water + intercooler + hydraulic oil +	
Engine cooling system		transmission 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	
		Oil-immersed multi-discs braking on front & rear	Oil-immersed multi-discs braking on front & rea	
Service brake		axles	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	
Fank capacities		Oldinodia	Gundald	
Hydraulic tank capacity		135 l	36 US gal	
Fuel tank		120	32 US gal	
Diesel Exhaust fluid (AdBlue® type)		10	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		
/ibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s ²	
Miscellaneous				
Fractor homologation		Tractor homologation	Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2	

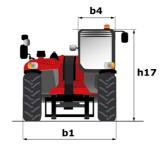
Options / Finishing

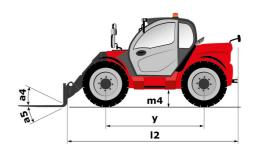
S: Standard / O: Optional / -: Not available

Early Connect System (ECS)		Classic	Premium	Elite
Early Connect System (ECS)	Lifting function			
Electroal for 67 Pythaulic functions (or boom head)	-	S	S	S
Intelligent hybraulics	Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
Intelligent hybraulics	Hydraulic attachment locking	0	0	0
Regenerate Hydraulic	Intelligent hydraulics	0	0	0
Return pipe to hydroutic oil tank		0	0	0
Operator station				
Air countriboning with manual adjustment Air suspension cloth-covered seat Air suspension cloth covered seat Air suspension cloth sear- GRAMMER 0 S - Automatic air conditioning 0 0 S Automatic air conditioning 0 0 S Bluebooth USB radio - With extra microphone - 100W 0 0 S Bluebooth USB radio - With extra microphone - 100W 0 0 S Bluebooth USB radio - With integrated microphone - 100W 0 0 S Extending that electric rear-view minor with de-icing Cate of the consumer of the cons	,			
Air suspension cloth-covered seat O	•	0	S	S
Air suspension fabric seat - GRAMMER O S Automatic air conditioning O O S S Bluebooth USB radio - With extra microphone - 100W O S Bluebooth USB radio - With integrated microphone - 100W O S Boom suspension - "Active CRC": O O S Extender right electric rear-view minor with de-icing C Extender right electric rear-view minor with de-icing O S S S S S S S S S S S S S S S S S S	•			-
Automatic air conditioning Automatic air conditioning O O O S Automatic air conditioning O O O S Billecton' LISB radio - With integrated microphone - 100W O S Billecton' LISB radio - With integrated microphone - 100W O S Billecton' LISB radio - With integrated microphone - 100W O S Exterior right releptor rear-view minor with de-icing O O S Exterior right releptor rear-view minor with de-icing O O S Exterior right releptor rear-view minor with de-icing O O S Exterior right releptor rear-view minor with de-icing O O S S Exterior right releptor rear-view minor with de-icing O O S S Exterior right releptor rear-view minor with de-icing O O S S S S S S S S S S S S S S S S S	•	0	S	-
Automatic wheel alignment	•			S
Bluetooth USB radio - With the stra microphone - 100W	·			
Bluetooth USB radio - With integrated microphone - 100W	•			
Boom suspension - "Active CRC"	·	0	S	-
Exterior right electric rear-view mirror with de-loing 0	•			S
Extra front wiper		0	0	S
Hamony scient - 5 in. Lateral wiper S S S S S Low frequency air suspension cloth-covered seat with heating O Cover frequency air suspension fabric seat - GRAMMER	•			
Lateral wiper S S S Low frequency air suspension cloth-covered seat with heating 0 0 0 Low frequency air suspension fabric seat - GRAMMER - - - S Mechanical cloth-covered seat (GRAMMER) S - </td <td>·</td> <td>S</td> <td></td> <td></td>	·	S		
Low frequency air suspension cloth-covered seat with heating 0 0 0 Low frequency air suspension fabric seat - GRAMMER - - S Mechanical cloth-covered seat (GRAMMER) S - - Tuner car radio - 50W S - - Vision screen - 7 in. 0 0 S Motorization/Power - - - Continuous flow hydraulics 0 0 0 S Hand throttle 0 0 0 S Secondary functions - - - - 1 pair of pre-fitted Double Action rear hydraulic couplers 0 0 0 S Secondary functions 0 0 0 0 0 Additional fuel tank 0 - <td< td=""><td>•</td><td></td><td></td><td>S</td></td<>	•			S
Low frequency air suspension fabric seat - GRAMMER	·	0	0	0
Mechanical cloth-covered seat (GRAMMER)				S
Tuner car radio - 50W Vision screen - 7 in. 0 0 0 S Motorization/Power Continuous flow hydraulics 0 0 0 Self cleaning air prefilter 0 0 0 0 Self cleaning air prefilter 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		S		-
Motorization/Power Continuous flow hydraulics 0 0 S Hand throttle 0 0 0 S Self cleaning air prefilter \$ <td>Tuner car radio - 50W</td> <td></td> <td></td> <td></td>	Tuner car radio - 50W			
Continuous flow hydraulics 0 0 S Hand throttle 0 0 S Self cleaning air prefilter S S S Secondary functions To pair of pre-fitted Double Action rear hydraulic couplers 0 0 0 Additional fuel tank 0 - - - Additional fuel tank (25 I) 0 0 0 0 Automatic rotating towing hitch on counterweight 0 0 0 0 Automatic rotating towing hitch 0 0 0 0 Hydraulic pick-up hitch 0 0 0 0 Hydraulic trailer brake S S S S Ladder hitch with choice of hooks 0 0 0 0 Manual rotating towing hitch S S S S Lighting 0 0 0 0 Boom Work Lights (on fixed part) (x2) 0 0 0 0 Front and rear work lights on cab (x4) S	Vision screen - 7 in.	0	0	S
Hand throttle	Motorization/Power			
Self cleaning air prefilter S S S Secondary functions S S S 1 pair of pre-fitted Double Action rear hydraulic couplers 0 0 0 0 Additional fuel tank 0 - </td <td>Continuous flow hydraulics</td> <td>0</td> <td>0</td> <td>S</td>	Continuous flow hydraulics	0	0	S
Secondary functions 0 0 0 1 pair of pre-fitted Double Action rear hydraulic couplers 0 - - Additional fuel tank 0 - - Additional fuel tank (25 I) 0 0 0 Automatic rotating towing hitch on counterweight 0 0 0 Hydraulic pick-up hitch 0 0 0 Hydraulic trailer brake S S S Ladder hitch with choice of hooks 0 0 0 Manual rotating towing hitch S S S Lighting S S S Boom Work Lights (on fixed part) (x2) 0 0 0 Front and rear LED work lights on cab (x4) S - - LED + (4 additional work lights) 0 0 0 0 Security 0 0 0 0	Hand throttle	0	0	S
1 pair of pre-fitted Double Action rear hydraulic couplers 0 0 Additional fuel tank 0 - Additional fuel tank (25 I) 0 0 Automatic rotating towing hitch on counterweight 0 0 Hydraulic pick-up hitch 0 0 Hydraulic trailer brake S S Ladder hitch with choice of hooks 0 0 Manual rotating towing hitch S S S S S Lighting S S Boom Work Lights (on fixed part) (x2) 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) S S S Front and rear work lights on cab (x4) S - - LED + (4 additional work lights) 0 0 0 Security	Self cleaning air prefilter	S	S	S
Additional fuel tank Additional fuel tank (25 I) Additional fuel tank (25 I) Automatic rotating towing hitch on counterweight O O O O O O O O O O O O O O O O O O	Secondary functions			
Additional fuel tank Additional fuel tank (25 I) Additional fuel tank (25 I) Automatic rotating towing hitch on counterweight O O O O O O O O O O O O O O O O O O	1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
Automatic rotating towing hitch on counterweight 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Additional fuel tank	0		
Hydraulic pick-up hitch 0 0 0 Hydraulic trailer brake S S S Ladder hitch with choice of hooks 0 0 0 Manual rotating towing hitch S S S Lighting S S S Boom Work Lights (on fixed part) (x2) 0 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 S S S Front and rear work lights on cab (x4) S - - - LED + (4 additional work lights) 0 0 0 0 Security S S - - -	Additional fuel tank (25 I)	0	0	0
Hydraulic trailer brake S S S Ladder hitch with choice of hooks 0 0 0 Manual rotating towing hitch S S S Lighting S S S Boom Work Lights (on fixed part) (x2) 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 S S Front and rear work lights on cab (x4) S - - LED + (4 additional work lights) 0 0 0 Security O 0 0	Automatic rotating towing hitch on counterweight	0	0	0
Hydraulic trailer brake	Hydraulic pick-up hitch	0	0	0
Manual rotating towing hitch S S S Lighting S S S Boom Work Lights (on fixed part) (x2) 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 S S Front and rear work lights on cab (x4) S - - LED + (4 additional work lights) 0 0 0 Security S - -	Hydraulic trailer brake	S	S	S
Manual rotating towing hitch S S S Lighting S S S Boom Work Lights (on fixed part) (x2) 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 S S Front and rear work lights on cab (x4) S - - LED + (4 additional work lights) 0 0 0 Security S - -	Ladder hitch with choice of hooks	0	0	0
Lighting Common Work Lights (on fixed part) (x2) O<	Manual rotating towing hitch	S	S	S
Boom Work Lights (on fixed part) (x2)	Lighting			
Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 S S Front and rear work lights on cab (x4) S - - LED + (4 additional work lights) 0 0 0 Security 0 0 0	Boom Work Lights (on fixed part) (x2)	0	0	0
Front and rear work lights on cab (x4) LED + (4 additional work lights) S O O O Security	Front and rear LED work lights on cab (x4 : 2 front + 2 rear)			
LED + (4 additional work lights) O O O Security	Front and rear work lights on cab (x4)	S	-	-
Security	LED + (4 additional work lights)		0	0
· · · · · · · · · · · · · · · · · · ·	Security			
	Audio warning on reverse	0	0	0

MLT 737-130 PS+ ST4 - Dimensional drawing

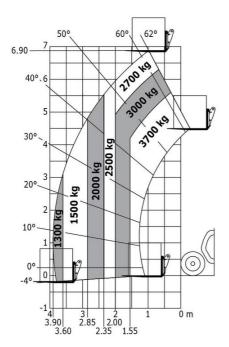




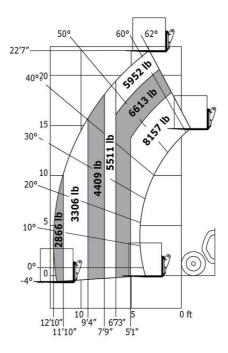


MLT 737-130 PS+ ST4 - Load chart

Machine on tires with forks Metric



Machine on tires with forks Imperial







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