Technical sheet :

MLT 737-130 PS+ (S1)



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Capacities		Metric
Max. capacity	Q	3700 kg
Max. lifting height		6.90 m
Max. outreach		3.90 m
Reach at max. height		1 m
Breakout force with bucket		6236 daN
Weight and dimensions		
Unladen weight (with forks)		7650 kg
Ground clearance	m4	0.41 m
Wheelbase	y	2.81 m
Overall length to carriage (with hitch)	l11	4.97 m
Overall length to carriage (without hitch)	l3	4.80 m
Front overhang		1.21 m
Overall width	b1	2.39 m
Overall cab width	b4	0.95 m
Overall height	h17	2.38 m
Tilt-down angle	a5	134 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.93 m
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
Performances		
Lifting		6.80 s
Lowering		7.10 s
Extension		5.80 s
Retraction		5.20 s
Crowd		3.20 s
Dump		2.80 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6 L4
Number of cylinders - Capacity of cylinders		4 - 3621 cm³
Engine power (Hp / kW)		129 Hp / 95 kW
Max. torque / Engine rotation		500 Nm @1600 rpm
Drawbar pull (Laden)		7800 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
HVO validated (according to EN 15940 standard)		Yes
Transmission		
Transmission type		Torque converter
Gearbox		Powershift
Number of gears (forward / reverse)		6 / 3
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		150 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		135 l
Fuel tank capacity		120 l
Diesel Exhaust fluid (AdBlue® type) tank capacity		10 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB
Noise to environment (LwA)		105 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

Optional tires tab

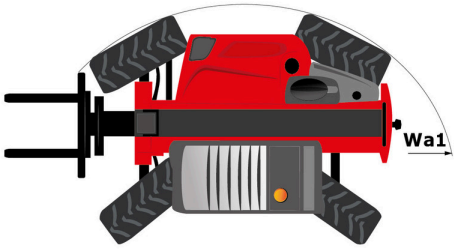
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m

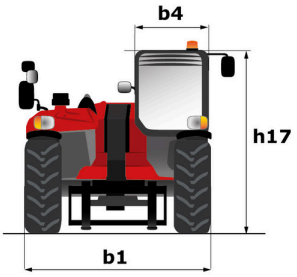
Options / Finishing

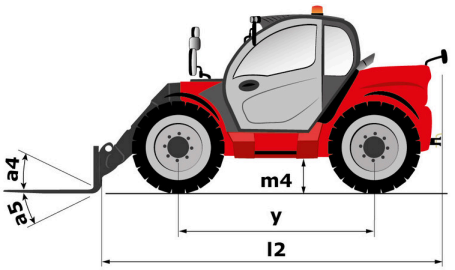
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite
Lifting function			
Attachment hydraulic locking	O	O	O
Intelligent hydraulics	O	O	O
Regenerative Hydraulics	O	O	O
Operator station			
Additional front wiper - Without washer	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 defroster	O	O	S
Harmony screen - 5 in.	S	S	-
Heater and automatic air conditioning	O	O	S
HighView camera on boom head (telescopic part)	O	O	O
Low frequency air suspension fabric seat - GRAMMER	O	O	S
Low frequency air suspension heated fabric seat - GRAMMER	O	O	O
Manual air conditioning	O	S	-
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Right hand side and rear SafeView cameras	O	O	O
Storage box - On the shelf	O	O	O
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
Lighting			
LED front road lights	O	O	O
LED front work lights	O	S	S
LED rear work lights	O	S	S
LED side work lights	O	O	O
LED work lights - On boom head (Telescopic part)	O	O	O
Work lights on cab (x4)	S	-	-

MLT 737-130 PS+ (S1) - Dimensional drawing

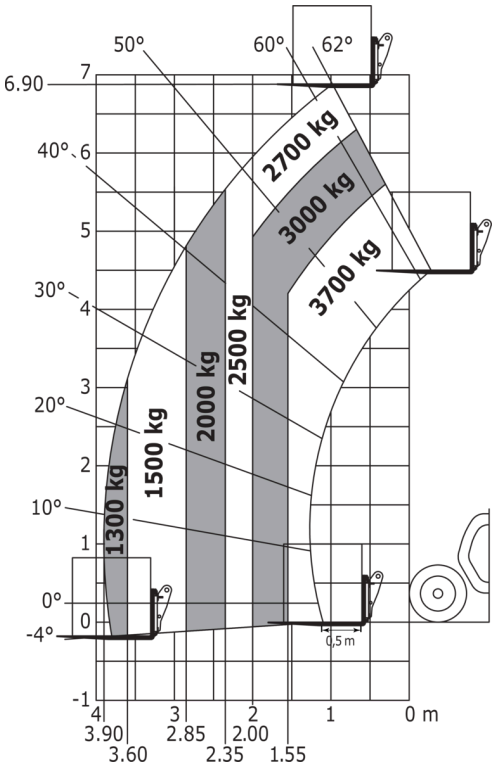






MLT 737-130 PS+ (S1) - Load chart

Machine on tires with forks Metric



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