Technical sheet:

# MLT 738-130 PS+ (S1)





Capacities	Imperial
<u> </u>	
Max. capacity	•
Max. lifting height	h3 22 ft 8 in
faximum outreach	13 ft 1 in
each at max. height	3 ft 3 in
reakout force with bucket	6095 daN
Veight and dimensions	
Inladen weight (with forks)	16557 lb
Fround clearance	m4 1 ft 4 in
/heelbase	y 9 ft 3 in
Overall length to carriage (with hitch)	I11 16 ft 6 in
ront overhang	4 ft 2 in
Overall width	b1 7 ft 10 in
Overall cab width	b4 3 ft 1 in
Overall height	h17 7 ft 10 in
ilt-down angle	a5 133 °
ilt-up angle	a4 14°
xternal turning radius (over tyres)	Wa1 12 ft 11 in
tandard tires	Alliance - A580 - 460/70 R24 159A8
rive wheels (front / rear)	2/2
teering mode	Manicrab, 2 wheel steer, 4 wheel steer, Crab n
erformances	
ifting	7.30 s
owering	5.50 s
xtension	6.30 s
Retraction	5.70 s
Crowd	3.60 s
Dump	3.10 s
Engine	0.10.0
ingine brand	Deutz
•	
ingine norm	Stage V
Engine model	TCD 3.6 L4
Number of cylinders - Capacity of cylinders	4 - 221 in³
Engine power (Hp / kW)	129 Hp / 95 kW
Max. torque / Engine rotation	369 ft/lbs @1600 rpm
Prawbar pull (Laden)	8000 daN
Reversible fan	Standard
ingino cooling quatem	4 radiators (water + intercooler + hydraulic oi
Engine cooling system	transmission oil)
tVO validated (according to EN 15940 standard)  Transmission	Yes
	Towns country
ransmission type	Torque converter
Searbox	Powershift
lumber of gears (forward / reverse)	6/3
Max. travel speed (may vary according to applicable regulations)	25 mph
Offerential lock	Limited slip differential on front axle
arking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & r
	axles
lydraulics	
lydraulic pump type	Variable displacement pump
lydraulic flow - Pressure	40 US gpm - 3916 PSI
low sharing distributor	Standard
ank capacities	
lydraulic tank capacity	36 US gal
uel	32 US gal
iesel Exhaust fluid (AdBlue® type)	3 US gal
	3 US yai
loise and vibration	
loise at driving position (LpA) tested following NF EN 12053 norm	72 dB
fibration on hands/arms	< 8 ft/s²
Miscellaneous	
Fractor homologation	Tractor homologation
Cab certification	Cabin ROPS - FOPS level 2
oub octanouson	

## Optional tires tab

	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
NOKIAN - TRI STEEL - 460/65 R24 156A8	7 ft 9 in	7 ft 10 in
MICHELIN - BIBLOAD - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
MICHELIN - BIBLOAD - 500/70 R24 164A8	7 ft 10 in	8 ft
MICHELIN - XMCL - 500/70 R24 164A8	7 ft 10 in	8 ft
MICHELIN - XHA - 15.5 R25 158A2	7 ft 9 in	7 ft 10 in
MICHELIN - XMCL - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
TRELLEBORG - TH400 - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
TRELLEBORG - TH400 - 500/70 R24 164A8	7 ft 10 in	7 ft 11 in
TRELLEBORG - TH500 - 460/70 R24 159A8	7 ft 9 in	7 ft 10 in
VREDESTEIN - ENDURION - 460/70 R24 159A8	7 ft 10 in	7 ft 11 in
VREDESTEIN - ENDURION - 500/70 R24 164A8	7 ft 11 in	8 ft

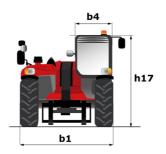
### **Options / Finishing**

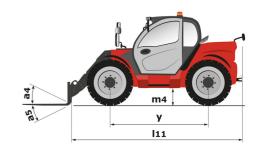
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	0	S
Regenerative Hydraulics	0	0	0	S
Operator station				
Air suspension fabric seat - GRAMMER	0	S	-	-
Automatic air conditioning	0	S	S	S
Automatic wheel alignment	0	0	S	S
Bluetooth USB radio - With extra microphone - 100W	0	0	S	S
Bluetooth USB radio - With integrated microphone - 100W	0	S	-	-
Boom suspension - "Active CRC"	0	0	S	S
Exterior right electric rear-view mirror with de-icing	0	0	S	S
Extra front wiper	0	S	S	S
HighView camera on boom head (telescopic part)	0	0	0	S
Lateral wiper	S	S	S	S
Low frequency air suspension fabric seat - GRAMMER	0	0	S	-
Low frequency air suspension fabric seat with heating - GRAMMER	0	0	0	S
Mechanical suspension fabric seat - GRAMMER	S	-	-	-
SafeView camera pack - Right hand side and rear (x2)	0	0	0	S
Storage box - On the shelf	0	0	0	S
Tuner car radio - 50W	S	-	-	-
Vision screen - 7 in.	S	S	S	S
Motorization/Power				
Auto reversing fan	S	S	S	S
Continuous flow hydraulics	0	0	S	S
Hand throttle	0	0	S	S
Secondary functions				
Automatic greasing system (AGS) - Chassis + boom	0	0	0	S
Lighting				
LED+ side work lights (x4)	0	0	0	S
led front road lights	0	0	0	S
LED work lights - On the top of the boom (fixed part) (x2)	0	0	0	S

#### MLT 738-130 PS+ (S1) - Dimensional drawing

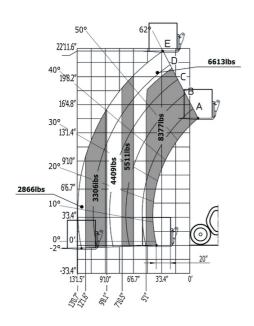




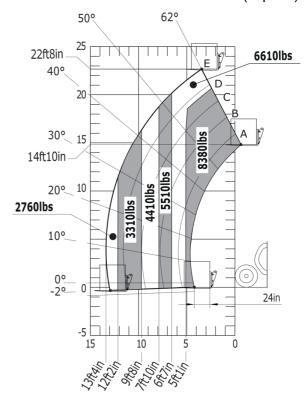


MLT 738-130 PS+ (S1) - Load chart

Machine on tires with forks Imperial



#### Machine on tires with forks LC 600 mm (Imperial)







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