Technical sheet:

MLT 742-140 V+ (51)





Opposition		
Capacities	Metric	
Max. capacity	Q 4200 kg	
Max. lifting height	h3 6.91 m	
Maximum outreach	3.96 m	
Reach at max. height	1 m	
Breakout force with bucket	5748 daN	
Weight and dimensions		
Unladen weight (with forks)	7950 kg	
Ground clearance	m4 0.42 m	
Wheelbase	y 2.81 m	
Overall length to carriage (with hitch)	I11 5.02 m	
Front overhang	1.26 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
Tilt-down angle	a5 133 °	
Tilt-up angle	a4 14°	
External turning radius (over tyres)	Wa1 3.93 m	
Standard tires	Alliance - A580 - 460/70 R24 1	50 A R
		7770
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Performances		
Lifting	8.10 s	
Lowering	8.50 s	
Extension	6.90 s	
Retraction	6 s	
Crowd	3.80 s	
Dump	3.30 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)	136 Hp / 100 kW	
Max. torque / Engine rotation	500 Nm @1600 rpm	
Drawbar pull (Laden)	6450 daN	
Reversible fan	Standard	
Engine cooling system	Engine cooling system - 4 radiators intercooler + hydraulic oil + hydraul	
	transmission)	
HVO validated (according to EN 15940 standard)	Yes	
Transmission Transmission		
Fransmission type	M-Vario Plus	
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Differential lock	Limited slip differential on from	axle
Parking brake	Automatic negative parking br	ake
Service brake	Oil-immersed multi-discs braking on axles	front & rea
-lydraulics		
Hydraulic pump type	Variable displacement pum	р
Hydraulic flow - Pressure	170 l/min - 270 bar	
Flow sharing distributor	Standard	
Tank capacities		
Hydraulic tank capacity	135	
Fuel tank	120	
	1201	
Diesel Exhaust fluid (AdBlue® type)	101	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous		
Tractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

Optional tires tab

	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 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
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
TRELLEBORG - TH500 - 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

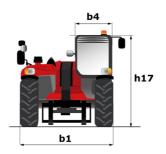
Options / Finishing

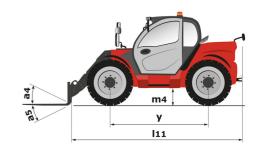
S : Standard / O : Optional / - : Not available

Lifting function Comment by draubic locking Comment by draubic locking Comment by draubics Comment by dra		Classic	Premium	Elite	Platinum
Intelligent hydraulics 0 0 S S Regeneative Hydraulics 0 S S Operator station 0 S S Air suspension fabric seat - GRAMMER 0 S S S Automatic air conditioning 0 S S S Automatic wheel alignment 0 S S S Blueboth USB radio - With integrated microphone - 100W 0 S S S Blueboth USB radio - With integrated microphone - 100W 0 S S S Blueboth USB radio - With integrated microphone - 100W 0 S S S Blueboth USB radio - With integrated microphone - 100W 0 S S S Blueboth USB radio - With integrated microphone - 100W 0 S S S Exter for right lectric rear-year wimror with de-icing 0 0 S S Exter for thyper 0 S S S S Exter for high electric rear-year wimror with de-icing S	Lifting function				
Regenerative Hydraulics	Attachment hydraulic locking	0	0	0	S
Operator station Companied station	Intelligent hydraulics	0	0	S	S
Air suspension fabric seat - GRAMMER 0 S - Automatic air conditioning 0 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 S Boom suspension - **Active CRC* 0 0 S S Boom suspension - **Active CRC* 0 0 S S Exterior right lectic rear-view mirror with de-cling 0 0 S S Exterior front viper 0 S S S Exterior front viper 0 S S S Low frequency air suspension fabric seat - GRAMMER 0 0 S S Low frequency air suspension fabric seat - GRAMMER S 0 0 S S Mechanical suspension fabric seat - GRAMMER S 2 0 S S Seleview camera pack - Right hand side and rear (x2) S	Regenerative Hydraulics	0	S	S	S
Automatic air conditioning 0 S S Automatic wheel alignment 0 0 S S Bluetooth USB radio - With extra microphone - 100W 0 S -	Operator station				
Automatic wheel alignment 0	Air suspension fabric seat - GRAMMER	0	S	-	-
Bluetooth USB radio - With inetgrated microphone - 100W 0 S S Bluetooth USB radio - With inetgrated microphone - 100W 0 S - Boom suspension - "Active CRC" 0 0 S S Exterior right electric rear-view mirror with de-icing 0 S S S Exter front wiper 0 S S S High View camera on boom head (telescopic part) 0 0 0 S S Lateral wiper S S S S S S Low frequency air suspension fabric seat- GRAMMER 0 0 0 S	Automatic air conditioning	0	S	S	S
Bluetooth USB radio - With integrated microphone - 100W 0	Automatic wheel alignment	0	0	S	S
Boom suspension - "Active CRC" 0 0 S S Exterior right electric rear-view mirror with de-icing 0 0 S S Exter fortn Wiper 0 S S S High Wee camers 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 S Low frequency air suspension fabric seat - GRAMMER 0 0 0 S Mechanical suspension fabric seat - GRAMMER S - - - Safe-View 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 S S S S Vision screen - 7 in. S S S S S Motorization/Power S S S S S Auto reversing fan S	Bluetooth USB radio - With extra microphone - 100W	0	0	S	S
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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 S S S S Auto reversing fan S S S S Continuous flow hydraulics 0 0 S S Hand throttle S S S S Secondary functions 0 0 0 S Automatic greasing system (AGS) - Chassis + boom 0 0 0 S	Extra front wiper	0	\$	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 S Storage box - On the shelf 0 0 0 S	HighView camera on boom head (telescopic part)	0	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 S S S S Auto reversing fan S S S S Continuous flow hydraulics 0 0 S S Hand throttle S S S S Secondary functions S S S S Automatic greasing system (AGS) - Chassis + boom 0 0 0 S Lighting U 0 0 S S Light time 0 0 0 S Light time 0	Lateral wiper	S	\$	S	S
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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 S S S S Auto reversing fan S S S S Continuous flow hydraulics 0 0 S S Hand throttle S S S S Secondary functions S S S S Automatic greasing system (AGS) - Chassis + boom 0 0 0 S Lighting D 0 0 S LED + side work lights (x4) 0 0 0 S Led front road lights 0 0 0 S	Low frequency air suspension fabric seat with heating - GRAMMER	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 S S S S Auto reversing fan S S S S Continuous flow hydraulics 0 0 S S Hand throttle S S S S Secondary functions S S S S Automatic greasing system (AGS) - Chassis + boom 0 0 0 S Lighting 0 0 0 S LED + side work lights (x4) 0 0 0 S Led front road lights 0 0 0 S	Mechanical suspension fabric seat - GRAMMER	S	-	-	-
Tuner car radio - 50W S -	SafeView camera pack - Right hand side and rear (x2)	0	0	0	S
Vision screen - 7 in. S S S S Motorization/Power U	Storage box - On the shelf	0	0	0	S
Motorization/Power S	Tuner car radio - 50W	S	-	-	-
Auto reversing fan S	Vision screen - 7 in.	S	S	S	S
Continuous flow hydraulics 0 0 S S Hand throttle S S S S Secondary functions U U U U U U C O O O S S C D S C D D S C D C D D D S C D D D D D D S C D	Motorization/Power				
Hand throttle S S S S Secondary functions U U U U U U U C O O O S <t< td=""><td>Auto reversing fan</td><td>S</td><td>S</td><td>S</td><td>S</td></t<>	Auto reversing fan	S	S	S	S
Secondary functions Secondary functions	Continuous flow hydraulics	0	0	S	S
Automatic greasing system (AGS) - Chassis + boom 0 0 0 S Lighting Companies	Hand throttle	S	S	S	S
Lighting U U U U U U U U U D<	Secondary functions				
LED+ side work lights (x4) 0 0 0 S led front road lights 0 0 0 S	Automatic greasing system (AGS) - Chassis + boom	0	0	0	S
led front road lights 0 0 0 S	Lighting				
·	LED+ side work lights (x4)	0	0	0	S
LED work lights - On the top of the boom (fixed part) (x2) 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 742-140 V+ (S1) - Dimensional drawing

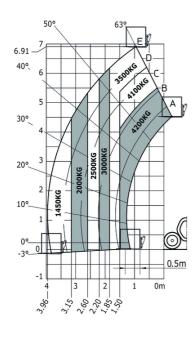






MLT 742-140 V+ (S1) - Load chart

Machine on tires with forks Metric







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