Technical sheet:

MLT 742-140 V+ (51)





Opposition		
Capacities	Metric	
Max. capacity	Q 4200 kg	
Max. lifting height	h3 6.91 m	
laximum outreach	3.96 m	
Reach at max. height	1 m	
Breakout force with bucket	5748 daN	
Weight and dimensions		
Inladen weight (with forks)	7950 kg	
Ground clearance	m4 0.42 m	
Vheelbase	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	
Filt-down angle		
ilt-up angle	a4 14°	
External turning radius (over tyres)	Wa1 3.93 m	
tandard tires	Alliance - A580 - 460/70 R24 15	9A8
Orive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Performances		
ifting	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	
.C. Engine power rating / Power	136 Hp / 100 kW	
Max. torque / Engine rotation		
	500 Nm @1600 rpm	
Orawbar pull (Laden)	6450 daN	
Reversible fan	Standard	
Engine cooling system	Engine cooling system - 4 radiators (intercooler + hydraulic oil + hydraulic transmission)	
HVO validated (according to EN 15940 standard)	Yes	
Transmission		
ransmission type	M-Vario Plus	
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Differential lock	Limited slip differential on front	ayle
Parking brake	Automatic negative parking bra	
-aikilig blake	Oil-immersed multi-discs braking on fi	
Service brake	axles	ioni a rea
Hydraulics		
Hydraulic pump type	Variable displacement pump)
Hydraulic flow - Pressure	170 l/min - 270 bar	
Flow sharing distributor	Standard	
Fank capacities	Standard	
	1051	
lydraulic tank capacity	135	
uel tank	120	
Diesel Exhaust fluid (AdBlue® type)	10	
loise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB	
/ibration 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

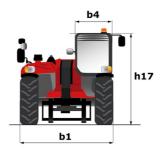
Options / Finishing

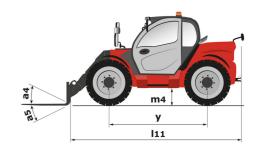
S : Standard / O : Optional / - : Not available

	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	S	S
Regenerative Hydraulics	0	S	S	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	S	S	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 742-140 V+ (S1) - Dimensional drawing

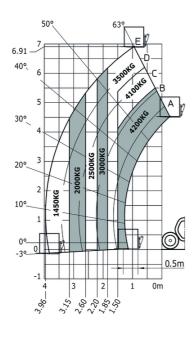






MLT 742-140 V+ (S1) - Load chart

Machine on tires with forks Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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