

Technical sheet :

MLT 730-115 V ST4



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	3000 kg
Max. lifting height	h3	6.95 m
Maximum outreach		4.25 m
Reach at max. height		1.40 m
Breakout force with bucket		6540 daN
Weight and dimensions		
Unladen weight (with forks)		7070 kg
Ground clearance	m4	0.39 m
Wheelbase	y	2.69 m
Overall length to carriage (with hitch)	l11	5.08 m
Front overhang		1.55 m
Overall width	b1	2.13 m
Overall cab width	b4	0.95 m
Overall height	h17	2.37 m
Tilt-down angle	a5	133 °
Tilt-up angle	a4	13 °
External turning radius (over tyres)	Wa1	3.68 m
Standard tires		Alliance - A580 - 405/70 R24 152A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		7.40 s
Lowering		5.70 s
Extension		6.20 s
Retraction		3.40 s
Crowd		3.40 s
Dump		2.70 s
Engine		
Engine brand		Deutz
Engine norm		Stage IV
Engine model		TCD 3.6 l
Number of cylinders - Capacity of cylinders		4 - 3621 cm³
I.C. Engine power rating / Power		116 Hp / 85 kW
Max. torque / Engine rotation		460 Nm @1600 rpm
Drawbar pull (Laden)		6540 daN
Reversible fan		Standard
Engine cooling system		3 radiators water + intercooler + hydraulic oil
Transmission		
Transmission type		M-Varioshift
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front axle
Parking brake		Manual
Service brake		Oil-Immersed multi-discs braking on front axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		104 l/min - 250 bar
Flow sharing distributor		Option
Tank capacities		
Hydraulic tank capacity		94 l
Fuel tank		78 l
Diesel Exhaust fluid (AdBlue® type)		13 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		74 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

Options / Finishing

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

	Classic	Premium	Elite
Lifting function			
Easy Connect System (ECS)	S	S	S
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic attachment locking	O	O	O
Return pipe to hydraulic oil tank	-	O	O
Operator station			
Air conditioning with manual adjustment	O	S	-
Air suspension fabric seat - GRAMMER	O	S	-
Automatic air conditioning	O	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 de-icing	O	O	S
Extra front wiper	O	S	S
Harmony screen - 5 in.	S	S	-
Low frequency air suspension cloth-covered seat with heating	-	O	O
Mechanical cloth-covered seat (GRAMMER)	S	-	-
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
Self cleaning air prefilter	S	S	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Additional fuel tank (42 l)	O	S	S
Automatic rotating towing hitch on counterweight	O	O	O
Hydraulic pick-up hitch - low position	O	O	O
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	O	O	O
Manual rotating towing hitch	S	S	S
Lighting			
Boom Work Lights (on fixed part) (x2)	O	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S	S
Front and rear work lights on cab (x4)	S	-	-
LED + (4 additional work lights)	O	O	O
Security			
Audio warning on reverse	O	O	O



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