Technical sheet:

MLT 730-115 V CP ST4





Capacities	Metric	Imperial
Max. capacity	Q 3000 kg	6614 lb
Max. lifting height	h3 6.85 m	22 ft 6 in
Max. outreach	4.30 m	14 ft 1 in
Reach at max. height	1.50 m	4 ft 11 in
Breakout force with bucket	5840 daN	5840 daN
Weight and dimensions		
Unladen weight (with forks)	6910 kg	15234 lb
Ground clearance	m4 0.28 m	11 in
Wheelbase	y 2.69 m	8 ft 10 in
Overall length to carriage (with hitch)	I11 5.08 m	16 ft 8 in
Front overhang	1.55 m	5 ft 1 in
Overall width	b1 2.06 m	6 ft 9 in
Overall cab width	b4 0.95 m	3 ft 1 in
Overall height	h17 2.14 m	7 ft
Filt-down angle	a5 133°	133 °
ilt-up angle	a4 13 °	13 °
External turning radius (over tyres)	Wa1 3.65 m	12 ft
Standard tires	Alliance - A580 - 400/70 R20 149A8	Alliance - A580 - 400/70 R20 149A8
Drive wheels (front / rear)	2/2	2/2
Steering wheels (front / rear)	2/2	2/2
Performances		
ifting	7.40 s	7.40 s
owering	5.70 s	5.70 s
extension	6.20 s	6.20 s
detraction	3.40 s	3.40 s
Crowd	3.40 s	3.40 s
Dump	2.70 s	2.70 s
Engine	2.70 \$	2.70 \$
Engine brand	Deutz	Deutz
-		
ngine norm	Stage IV	Stage IV
Engine model	TCD 3.61	TCD 3.6 I
Number of cylinders - Capacity of cylinders	4 - 3621 cm³	4 - 221 in³
.C. Engine power rating / Power	116 Hp / 85 kW	116 Hp / 85 kW
Max. torque / Engine rotation	460 Nm @1600 rpm	339 ft/lbs @1600 rpm
Orawbar pull (Laden)	6540 daN	6540 daN
Reversible fan	Standard	Standard
Ingine cooling system	3 radiators water + intercooler + hydraulic	oil 3 radiators water + intercooler + hydraulic oil
<u>Fransmission</u>		
Transmission type	M-Varioshift	M-Varioshift
Number of gears (forward / reverse)	2/2	2/2
Max. travel speed (may vary according to applicable regulations)	38 km/h	24 mph
Differential lock	Limited slip differential on front axle	Limited slip differential on front axle
Parking brake	Manual	Manual
Service brake	Oil-Immersed multi-discs braking on front a	oil-Immersed multi-discs braking on front axle
lydraulics		
Hydraulic pump type	Gear pump	Gear pump
lydraulic flow - Pressure	104 l/min - 250 bar	27 US gpm - 3626 PSI
low sharing distributor	Option	Option
ank capacities		
lydraulic oil	94 I	25 US gal
uel tank	78 I	21 US gal
iesel Exhaust fluid (AdBlue® type)	13 l	3 US gal
loise and vibration		
loise at driving position (LpA) tested following NF EN 12053 norm	74 dB	74 dB
loise to environment (LwA)	105 dB	105 dB
fibration to whole hand/arm	< 2.50 m/s ²	< 2.50 m/s ²
Miscellaneous		
ractor homologation	Tractor homologation	Tractor homologation
Safety cab homologation	ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls	JSM	JSM

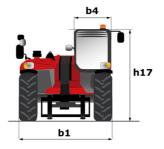
Options / Finishing

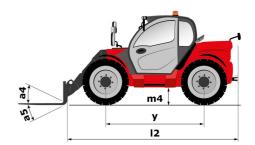
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite
Lifting function			
Easy Connect System (ECS)	S		S
Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
Hydraulic attachment locking	0	0	0
Return pipe to hydraulic oil tank	0	0	0
Operator station			
"Active CRC" boom suspension	0	0	S
Air conditioning with automatic adjustment	0	0	S
Air conditioning with manual adjustment	0	S	
Air suspension cloth-covered seat (GRAMMER)	0	S	
Automatic wheel alignment	0	0	S
Bluetooth USB car radio with extra microphone (100 W)	0	0	S
Bluetooth USB car radio with integrated microphone (100 W)	0	S	
Electric mirror with de-icing	0	0	S
Extra front wiper	0	S	S
Harmony screen	\$	S	-
Low frequency air suspension cloth-covered seat with heating	0	0	0
Mechanical cloth-covered seat (GRAMMER)	\$		-
Tuner car radio (50 W)	S		-
Vision screen 7"	0	0	S
Motorization/Power			
Continuous flow hydraulics	0	0	S
Hand throttle	0	0	S
Self cleaning air prefilter	S	S	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
Additional fuel tank	0		-
Additional fuel tank (42 I)	0	S	S
Automatic rotating towing hitch on counterweight	0	0	0
Hydraulic pick-up hitch - low position	0	0	0
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	0	0	0
Manual rotating towing hitch	S	S	S
Lighting			
Boom Work Lights (on fixed part) (x2)	0	0	0
Flat grid (- 2 cm overall height)	0	0	0
Front and rear LED work lights on cab (x4: 2 front + 2 rear)	0	S	S
Front and rear work lights on cab (x4)	S		-
LED + (4 additional work lights)	0	0	0
Security			
Audio warning on reverse	0	0	0

MLT 730-115 V CP ST4 - Dimensional drawing











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