Technical sheet :

MLT 733-115 LSU ST4



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Capacities		Metric	Imperial
Max. capacity	Q	3300 kg	7275 lb
Max. lifting height	h3	6.90 m	22 ft 8 in
Max. outreach		3.90 m	12 ft 10 in
Reach at max. height		0.90 m	2 ft 11 in
Breakout force with bucket		5770 daN	5770 daN
Weight and dimensions			
Unladen weight (with forks)		7015 kg	15465 lb
Ground clearance	m4	0.44 m	1 ft 5 in
Wheelbase	y	2.81 m	9 ft 3 in
Overall length to carriage (with hitch)	l11	4.85 m	15 ft 11 in
Front overhang		1.21 m	4 ft
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.38 m	7 ft 10 in
Tilt-down angle	a5	134 °	134 °
Tilt-up angle	a4	13 °	13 °
External turning radius (over tyres)	Wa1	3.92 m	12 ft 10 in
Standard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		6.75 s	6.75 s
Lowering		5.65 s	5.65 s
Extension		6.50 s	6.50 s
Retraction		3.90 s	3.90 s
Crowd		3.15 s	3.15 s
Dump		2.55 s	2.55 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage IV	Stage IV
Engine model		TCD 3.6 l	TCD 3.6 l
Number of cylinders - Capacity of cylinders		4 - 3621 cm³	4 - 221 in³
I.C. Engine power rating / Power		116 Hp / 85 kW	116 Hp / 85 kW
Max. torque / Engine rotation		410 Nm @1600 rpm	302 ft/lbs @1600 rpm
Drawbar pull (Laden)		7400 daN	7400 daN
Reversible fan		Option	Option
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil + transmission oil)
Transmission			
Transmission type		Torque converter	Torque converter
Gearbox		Powershuttle	Powershuttle
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed (may vary according to applicable regulations)		32 km/h	20 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 on front & rear axles	Oil-immersed multi-discs on front & rear axles
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		150 l/min - 270 bar	40 US gpm - 3916 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		135 l	36 US gal
Fuel tank		120 l	32 US gal
Diesel Exhaust fluid (AdBlue® type)		10 l	3 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB
Environmental noise (LwA)		105 dB	105 dB
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Tractor 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
Lifting function		
Easy Connect System (ECS)	S	S
Electrovalve for 2 hydraulic functions (on boom head)	O	O
Hydraulic attachment locking	O	O
Return pipe to hydraulic oil tank	O	O
Operator station		
"Active CRC" boom suspension	O	O
Air conditioning with automatic adjustment	O	O
Air conditioning with manual adjustment	O	S
Air suspension cloth-covered seat (GRAMMER)	O	S
Bluetooth USB car radio with extra microphone (100 W)	O	O
Bluetooth USB car radio with integrated microphone (100 W)	O	S
Extra front wiper	O	S
Harmony screen	S	S
Lateral wiper	O	O
Low frequency air suspension cloth seat with heating	O	O
Mechanical cloth-covered seat (GRAMMER)	S	-
Tuner car radio (50 W)	S	-
Motorization/Power		
Continuous flow hydraulics	O	O
Self cleaning air prefilter	S	S
Secondary functions		
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O
Additional fuel tank (25 l)	O	O
Automatic rotating towing hitch on counterweight	O	O
Ladder hitch with choice of hooks	O	O
Lighting		
Boom Work Lights (on fixed part) (x2)	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S
Front and rear work lights on cab (x4)	S	-
Security		
Audio warning on reverse	O	O

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