

Technical sheet :

# **MLT 733-115 LSU ST4**

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Capacities		Metric	Imperial
Max. capacity	Q	3300 kg	7275 lbs
Max. lifting height	h3	6.9 m	22 ft 8 in
Max. outreach	l4	3.9 m	12 ft 10 in
Reach at max. height		0.9 m	2 ft 11 in
Breakout force with bucket		5770 daN	5770 daN
Weight and dimensions			
Unladen weight (with forks)		7015 kg	15465 lbs
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 tyres		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		6.5 s	6.5 s
Retraction		3.9 s	3.9 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 cm <sup>3</sup>	4 - 220.97 in <sup>3</sup>
I.C. Engine power rating / Power (kW)		116 Hp / 85 kW	116 Hp / 85 kW
Max. torque / Engine rotation		410 Nm/m @1600 tr/min	410 Nm/m @1600 tr/min
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	19.9 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		Load sensing pump	Load sensing pump
Hydraulic flow - Pressure		150 l/min - 270 Bar	150 l/min - 19 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		135 l	29.70 gal
Fuel tank		120 l	26.40 gal
Diesel Exhaust fluid (AdBlue® type)		10 l	2.20 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB(A)	76 dB(A)
Environmental noise (LwA)		105 dB(A)	105 dB(A)
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
Miscellaneous			

<b>Miscellaneous</b>			
Safety tractor homologation / cab homologation		Safety tractor homologation - Cab ROPS - FOPS Level 2	Safety tractor homologation - Cab ROPS - FOPS Level 2
Controls		JSM	JSM

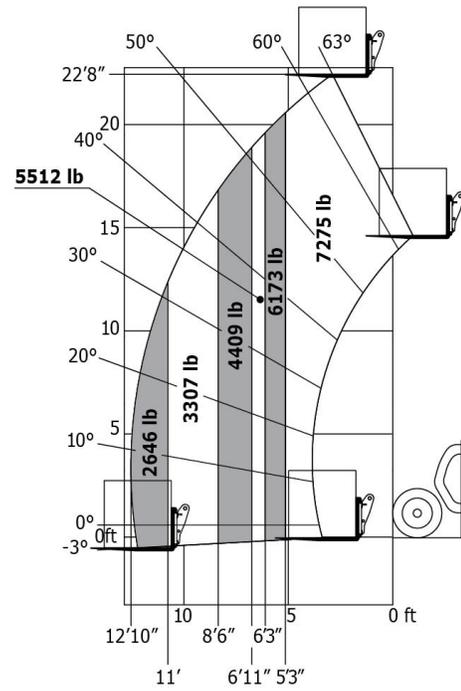
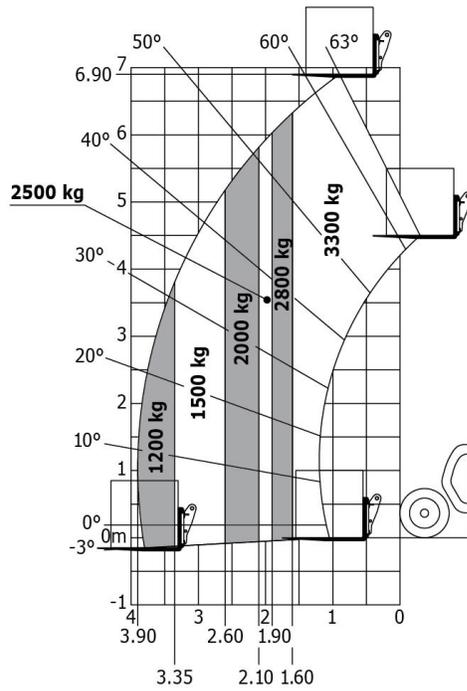
## Options / Finishing

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

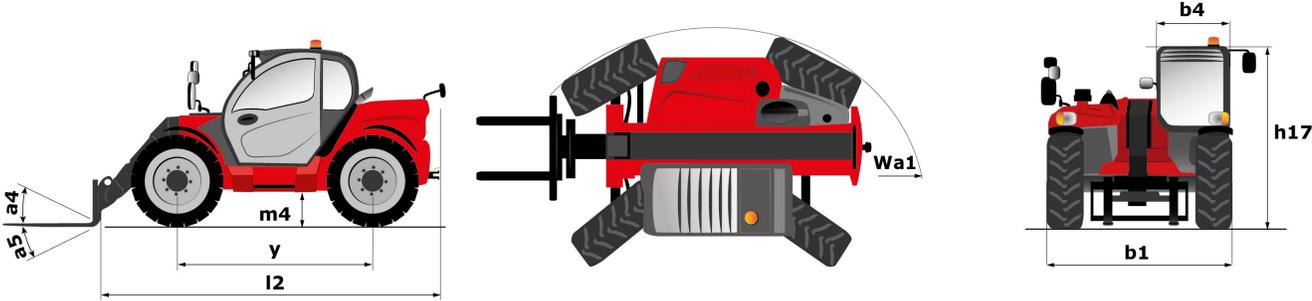
	Classic	Premium
<b>Lifting function</b>		
Easy Connect System (E.C.S.)	S	S
Hydraulic attachment locking	O	O
Return pipe to hydraulic oil tank	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O
<b>Operator station</b>		
"Active CRC" boom suspension	O	O
Low frequency air suspension cloth-covered seat (GRAMMER)	O	O
Mechanical cloth-covered seat (GRAMMER)	S	-
Air suspension cloth-covered seat (GRAMMER)	O	S
Tuner car radio (50 W)	S	-
Bluetooth USB car radio with integrated microphone (100 W)	O	S
Bluetooth USB car radio with extra microphone (100 W)	O	O
"Harmony" screen	S	S
Air conditioning with manual adjustment	O	S
Air conditioning with automatic adjustment	O	O
Lateral wiper	O	O
Extra front wiper	O	S
Low frequency air suspension cloth seat with heating	O	O
<b>Motorization/Power</b>		
Self cleaning air prefilter	S	S
Auto reversing fan	O	O
Continuous flow hydraulics	O	O
<b>Lighting</b>		
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S
Boom Work Lights (on fixed part) (x2)	O	O
<b>Safety</b>		
Audio warning on reverse	O	O
<b>Secondary functions</b>		
Additional fuel tank (25 l)	O	O
Automatic rotating towing hitch on counterweight	O	O
Ladder hitch with choice of hooks	O	O
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O
Manual rotating towing hitch	S	S

# Load chart

Rough terrain load chart (EN 1459 B) Metric      Rough terrain load chart (EN 1459 B) Imperial



# Dimensional drawing





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