Technical sheet :

MLT 630-115





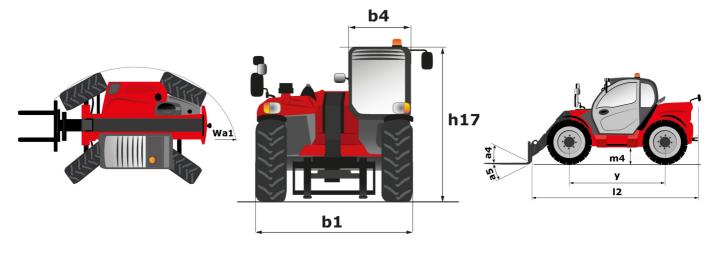
	MLT 630-115	Created on 4 May 2024 at 11:01:23 PM UTC
Capacities		Metric
Max. capacity	Q	3000 kg
Max. lifting height	h3	6.10 m
Max. outreach		3.34 m
Reach at max. height		0.90 m
Breakout force with bucket		4517 daN
Weight and dimensions		
Unladen weight (with forks)		7010 kg
Ground clearance	m4	0.35 m
Wheelbase	У	2.69 m
Overall length to carriage (with hitch)	111	4.78 m
Overall length to carriage (without hitch)	13	4.63 m
Front overhang		1.25 m
Overall width	b1	2.13 m
Overall cab width	b4	0.95 m
Overall height	h17	2.34 m 133 °
Tilt-down angle	a5 a4	133 13 °
Tilt-up angle External turning radius (over tyres)	Wa1	3.68 m
Standard tires	Wai	Alliance - A580 - 405/70 R24 152A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2/2
Performances		L ; L
Lifting		6.50 s
Lowering		4.80 s
Extension		6 s
Retraction		5.20 s
Crowd		3.30 s
Dump		2.60 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6 L4
Number of cylinders - Capacity of cylinders		4 - 3621 cm ³
I.C. Engine power rating / Power		116 Hp / 85 kW
Max. torque / Engine rotation		460 Nm @1600 rpm
Drawbar pull (Laden)		6300 daN
Reversible fan		Standard
Engine cooling system		5 (radiators water + intercooler + hydraulic oil + transmission oil + fuel)
HVO validated (according to EN 15940 standard)		Yes
Transmission		
Transmission type		Torque converter
Gearbox		Powershuttle
Number of gears (forward / reverse)		4 / 4
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 & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		106 l/min - 250 bar
Flow sharing distributor		Option
Tank capacities		
Hydraulic oil		94
Fuel tank		78 I
Diesel Exhaust fluid (AdBlue® type)		13 I
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB
Noise to environment (LwA)		105 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM

-115	created off 4 May 2024 at 11.01.23 FM 010
	Metric
	3000 kg
	6.10 m
	3.34 m
	0.90 m
	4517 daN
	7010 kg
	0.35 m
	2.69 m
	4.78 m
	4.63 m
	1.25 m
	2.13 m
	0.95 m
,	2.34 m
	133 °
	13 °
1	3.68 m
	Alliance - A580 - 405/70 R24 152A8
	2/2
	2/2
	6.50 s
	4.80 s
	6 s
	5.20 s
	3.30 s
	2.60 s
	Deutz
	Stage V
	TCD 3.6 L4
	4 - 3621 cm ³
	116 Hp / 85 kW
	460 Nm @1600 rpm
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	5 (radiators water + intercooler + hydraulic oil +
	transmission oil + fuel)
	Yes
	Torque converter
	Powershuttle
	4 / 4
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	Gear pump
	106 l/min - 250 bar
	Option
	94 I
	78 I
	13 I
	74 dB
	105 dB
	< 2.50 m/s²
	Tractor homologation
	ROPS - FOPS level 2 cab
	JSM

Optional tires tab

Optional tires	Overall height	Overall width
ALLIANCE - A580 - 400/70 R20 149A8	2.29 m	2.06 m
ALLIANCE - A580 - 460/70 R24 159A8	2.37 m	2.16 m
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.38 m	2.18 m
MICHELIN - BIBLOAD - 400/70 R20 149A8	2.33 m	2.06 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.16 m
MICHELIN - XMCL - 400/70 R20 149A8	2.28 m	2.06 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.16 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.35 m	2.15 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.16 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.37 m	2.17 m

MLT 630-115 - Dimensional drawing







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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