

Technical sheet :

MLT 630-115 V CP (S1)



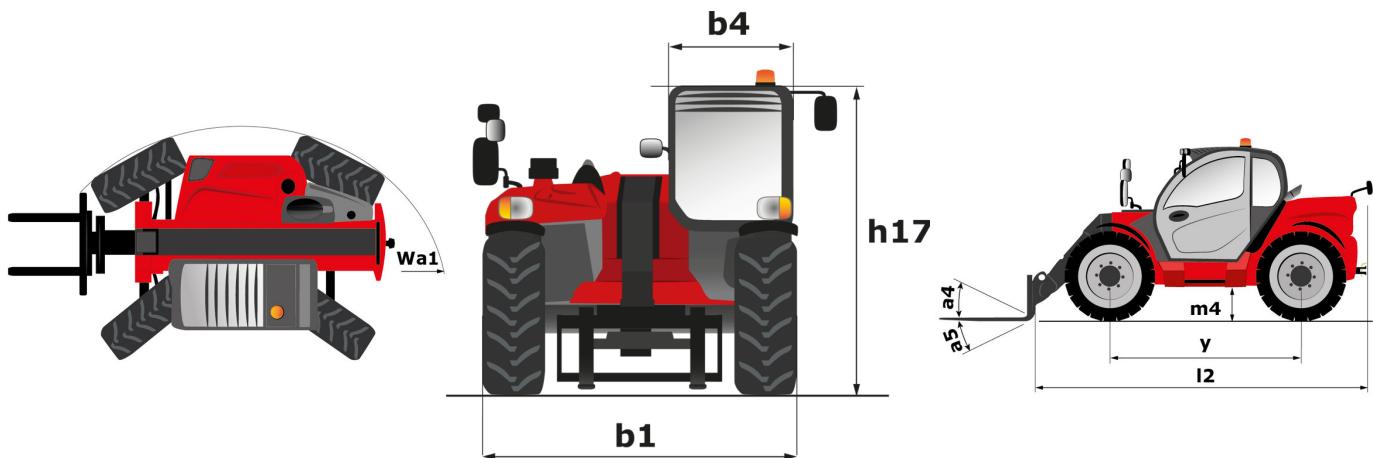
 **MANITOU**
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Capacities		Metric	
Max. capacity	Q	3000 kg	
Max. lifting height	h3	6 m	
Maximum outreach		3.43 m	
Reach at max. height		0.90 m	
Breakout force with bucket		4914 daN	
Weight and dimensions			
Unladen weight (with forks)		6640 kg	
Ground clearance	m4	0.28 m	
Wheelbase	y	2.69 m	
Overall length to carriage (with hitch)	l11	4.78 m	
Overall length to carriage (without hitch)	l3	4.63 m	
Front overhang		1.25 m	
Overall width	b1	2.06 m	
Overall cab width	b4	0.95 m	
Overall height	h17	2.14 m	
Tilt-down angle	a5	133 °	
Tilt-up angle	a4	13 °	
External turning radius (over tyres)	Wa1	3.65 m	
Standard tires		Alliance - A580 - 400/70 R20 149A8	
Drive wheels (front / rear)		2 / 2	
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode	
Performances			
Lifting		6.50 s	
Lowering		4.90 s	
Extension		5.80 s	
Retraction		5.30 s	
Crowd		3.20 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 cm³	
Engine power (Hp / kW)		116 Hp / 85 kW	
Max. torque / Engine rotation		460 Nm @1600 rpm	
Drawbar pull (Laden)		6500 daN	
Reversible fan		Standard	
Engine cooling system		4 radiators (water + intercooler + oil + fuel)	
HVO validated (according to EN 15940 standard)		Yes	
Transmission			
Transmission type		M-Varioshift	
Number of gears (forward / reverse)		2 / 2	
Max. travel speed (may vary according to applicable regulations)		38 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		106 l/min - 250 bar	
Flow sharing distributor		Option	
Tank capacities			
Hydraulic tank capacity		94 l	
Fuel		78 l	
Diesel Exhaust fluid (AdBlue® type)		13 l	
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		73 dB	
Noise to environment (Lwa)		106 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Tractor homologation		Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	

Optional tires tab

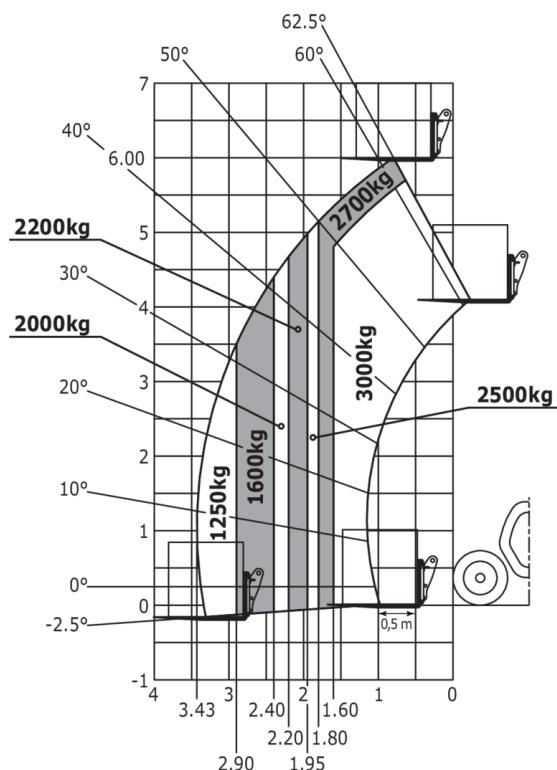
	Overall height	Overall width
ALLIANCE - A331 - 500/45-20 159A8	2.10 m	2.20 m
MICHELIN - BIBLOAD - 400/70 R20 149A8	2.18 m	2.06 m
MICHELIN - XMCL - 400/70 R20 149A8	2.14 m	2.06 m

MLT 630-115 V CP (S1) - Dimensional drawing



MLT 630-115 V CP (S1) - Load chart

Machine on tires with forks Metric





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