Technical sheet :

## **MLT 630-105 V CP ST4**





## **MLT 630-105 V CP ST4** Created on September 20, 2024 at 10:40:06 AM UTC

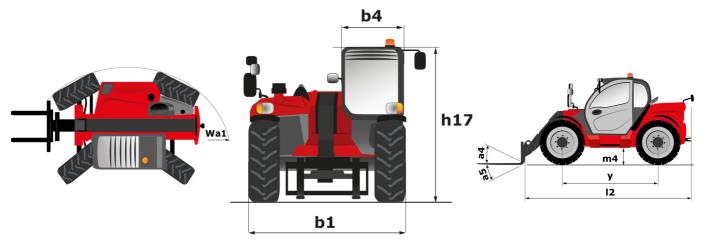
Capacities		Metric	Imperial	
Max. capacity			6614 lb	
Max. lifting height	h3	6 m	19 ft 8 in	
Max. outreach		3.43 m	11 ft 3 in	
Reach at max. height		0.90 m	2 ft 11 in	
Breakout force with bucket		5840 daN	5840 daN	
Weight and dimensions				
Unladen weight (with forks)		6760 kg	14903 lb	
Ground clearance	m4	0.28 m	11 in	
Wheelbase	у	2.69 m	8 ft 10 in	
Overall length to carriage (with hitch)	,  11	4.78 m	15 ft 8 in	
Front overhang		1.25 m	4 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	
Tilt-down angle	a5	133 °	133 °	
Tilt-up angle	a4	13 °	13 °	
External turning radius (over tyres)	Wa1	3.65 m	12 ft	
Standard tires	mur	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				
Lifting		6.50 s	6.50 s	
Lowering		5 s	5 s	
Extension		5.40 s	5.40 s	
Retraction		3 s	3 s	
Crowd		3.40 s		
		2.70 s	3.40 s	
Dump		2.70 \$	2.70 s	
Engine		Deute	Deute	
Engine brand	Deutz Stage IV		Deutz Charae IV	
Engine norm		Stage IV	Stage IV	
Engine model		TCD 3,6 I 4 - 3621 cm <sup>3</sup>	TCD 3,6 I	
Number of cylinders - Capacity of cylinders			4 - 221 in <sup>3</sup>	
I.C. Engine power rating / Power		101 Hp / 74.40 kW	101 Hp / 74.40 kW	
Max. torque / Engine rotation		410 Nm @1600 rpm 302 ft/lbs @1600 rpm 6540 daN 6540 daN		
Drawbar pull (Laden)				
Reversible fan		Standard	Standard	
Engine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil	
Transmission		M-Varioshift	M Verierbild	
Transmission type			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 Manual		
Parking brake			Manual	
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axles	
Hydraulics				
Hydraulic pump type		Gear pump	Gear pump	
Hydraulic flow - Pressure		104 l/min - 250 bar	27 US gpm - 3626 PSI	
Flow sharing distributor		Option	Option	
Tank capacities				
Fuel tank		781	21 US gal	
Diesel Exhaust fluid (AdBlue® type)		13	3 US gal	
Noise and vibration				
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB	74 dB	
Noise to environment (LwA)		105 dB	105 dB	
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s <sup>2</sup>	
Miscellaneous				
Tractor homologation		Tractor homologation	Tractor homologation	
Safety cab homologation		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2	
Controls		JSM	JSM	

## **Options / Finishing**

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

Ling function     Link and the set of a		Classic	Premium	Elite
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5 ( )	- , ,	S		
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## MLT 630-105 V CP ST4 - Dimensional drawing





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