Technical sheet :

MLT 630-105 ST4





MLT 630-105 ST4 Created on July 3, 2025 at 9:20 PM UTC

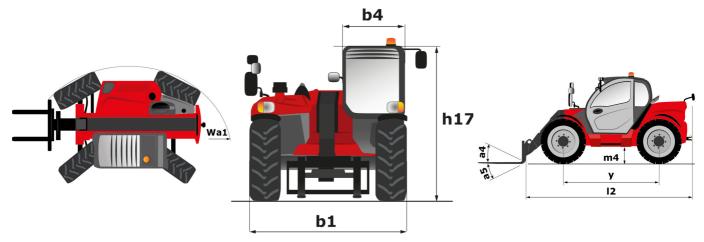
Capacities		Metric	Imperial	
Max. capacity	Q	3000 kg	6614 lb	
Max. lifting height	h3	6.10 m	20 ft	
Maximum outreach		3.34 m	10 ft 11 in	
Reach at max. height		0.90 m	2 ft 11 in	
Breakout force with bucket		5840 daN	5840 daN	
Weight and dimensions				
Unladen weight (with forks)		7000 kg	15432 lb	
Ground clearance	m4	0.35 m	1 ft 2 in	
Wheelbase	у	2.69 m	8 ft 10 in	
Overall length to carriage (with hitch)	111	4.78 m	15 ft 8 in	
Front overhang		1.25 m	4 ft 1 in	
Overall width	b1	2.13 m	7 ft	
Overall cab width	b4	0.95 m	3 ft 1 in	
Overall height	h17	2.37 m	7 ft 9 in	
Tilt-down angle	a5	133 °	133 °	
-		13°	13°	
Tilt-up angle	a4			
External turning radius (over tyres)	Wa1	3.68 m	12 ft 1 in	
Standard tires		Alliance - A580 - 405/70 R24 152A8	Alliance - A580 - 405/70 R24 152A8	
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	3.40 s	
Dump		2.70 s	2.70 s	
Engine				
Engine brand		Deutz	Deutz	
Engine norm		Stage IV	Stage IV	
Engine model		TCD 3.6 I	TCD 3.6 I	
Number of cylinders - Capacity of cylinders		4 - 3621 cm ³	4 - 221 in ³	
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	
Drawbar pull (Laden)		6800 daN	6800 daN	
Reversible fan		Standard	Standard	
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)		40 km/h	25 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		Gear pump	Gear pump	
Hydraulic flow - Pressure		104 l/min - 250 bar	27 US gpm - 3626 PSI	
Flow sharing distributor		Option	Option	
Tank capacities				
Hydraulic tank capacity		94	25 US gal	
Fuel tank		78	25 US gai	
Diesel Exhaust fluid (AdBlue® type) Noise and vibration		13	3 US gal	
		76 10	76.10	
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB	75 dB	
Noise to environment (LwA)		105 dB	105 dB	
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²	
Miscellaneous				
Tractor homologation		Tractor homologation	Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2	
Controls		JSM	JSM	

Options / Finishing

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

	Classic	Premium	Elite
Lifting function			
Easy Connect System (ECS)	S	S	S
Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
Hydraulic attachment locking	0	0	0
Return pipe to hydraulic oil tank	0	0	0
Operator station			
Air conditioning with manual adjustment	0	S	
Air suspension fabric seat - GRAMMER	0	S	
Automatic air conditioning	0	0	S
Automatic wheel alignment	0	0	S
Bluetooth USB radio - With extra microphone - 100W	0	0	S
Bluetooth USB radio - With integrated microphone - 100W	0	S	
Boom suspension - "Active CRC"	0	0	S
Exterior right electric rear-view mirror with de-icing	0	0	S
Extra front wiper	0	S	S
Harmony screen - 5 in.	S	S	
Low frequency air suspension fabric seat - GRAMMER	-		S
Mechanical cloth-covered seat (GRAMMER)	S		
Tuner car radio - 50W	S		
Vision screen - 7 in.	0	0	S
Motorization/Power			
Auto reversing fan	S	S	S
Continuous flow hydraulics	0	0	S
Hand throttle	0	0	S
Self cleaning air prefilter	S	S	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
Additional fuel tank	0		-
Additional fuel tank (42 I)	0	S	S
Automatic rotating towing hitch on counterweight	0	0	0
Hydraulic pick-up hitch - low position	0	0	0
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	0	0	0
Manual rotating towing hitch	S	S	S
Lighting			
Boom Work Lights (on fixed part) (x2)	0	0	0
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	0	S	S
Front and rear work lights on cab (x4)	S		-
LED + (4 additional work lights)	0	0	0
Security			
Audio warning on reverse	0	0	0
Audio warning on reverse movements	0	0	0

MLT 630-105 ST4 - 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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