

Technical sheet :

# **MLT 630-105 ST4**

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HANDLING YOUR WORLD

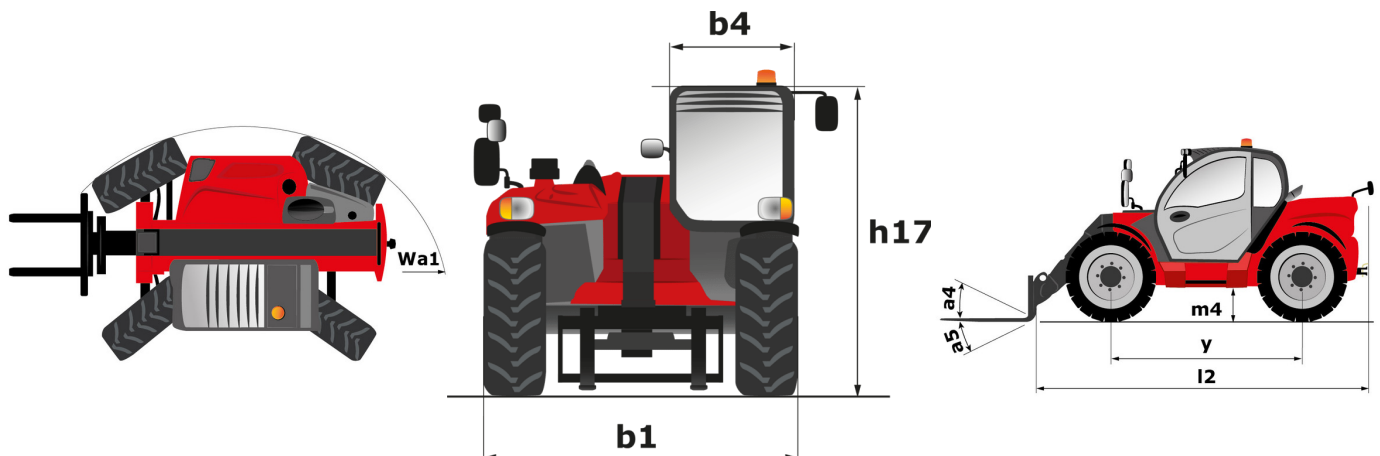
Capacities		Metric	Imperial
Max. capacity	Q	3000 kg	6614 lb
Max. lifting height	h3	6.10 m	20 ft
Maximum outreach		3.34 m	10 ft 11 in
Reach at max. height		0.90 m	2 ft 11 in
Breakout force with bucket		5840 daN	5840 daN
Weight and dimensions			
Unladen weight (with forks)		7000 kg	15432 lb
Ground clearance	m4	0.35 m	1 ft 2 in
Wheelbase	y	2.69 m	8 ft 10 in
Overall length to carriage (with hitch)	l11	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 °
Tilt-up angle	a4	13 °	13 °
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 l	TCD 3.6 l
Number of cylinders - Capacity of cylinders		4 - 3621 cm³	4 - 221 in³
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 l	25 US gal
Fuel tank		78 l	21 US gal
Diesel Exhaust fluid (AdBlue® type)		13 l	3 US gal
Noise and vibration			
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
<b>Lifting function</b>			
Easy Connect System (ECS)	S	S	S
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic attachment locking	O	O	O
Return pipe to hydraulic oil tank	O	O	O
<b>Operator station</b>			
Air conditioning with manual adjustment	O	S	-
Air suspension fabric seat - GRAMMER	O	S	-
Automatic air conditioning	O	O	S
Automatic wheel alignment	O	O	S
Bluetooth USB radio - With extra microphone - 100W	O	O	S
Bluetooth USB radio - With integrated microphone - 100W	O	S	-
Boom suspension - "Active CRC"	O	O	S
Exterior right electric rear-view mirror with de-icing	O	O	S
Extra front wiper	O	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.	O	O	S
<b>Motorization/Power</b>			
Auto reversing fan	S	S	S
Continuous flow hydraulics	O	O	S
Hand throttle	O	O	S
Self cleaning air prefilter	S	S	S
<b>Secondary functions</b>			
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Additional fuel tank	O	-	-
Additional fuel tank (42 l)	O	S	S
Automatic rotating towing hitch on counterweight	O	O	O
Hydraulic pick-up hitch - low position	O	O	O
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	O	O	O
Manual rotating towing hitch	S	S	S
<b>Lighting</b>			
Boom Work Lights (on fixed part) (x2)	O	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S	S
Front and rear work lights on cab (x4)	S	-	-
LED + (4 additional work lights)	O	O	O
<b>Security</b>			
Audio warning on reverse	O	O	O
Audio warning on reverse movements	O	O	O

## MLT 630-105 ST4 - Dimensional drawing





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