

Technical sheet :

# ***MLT 630-105 ST4***

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HANDLING YOUR WORLD

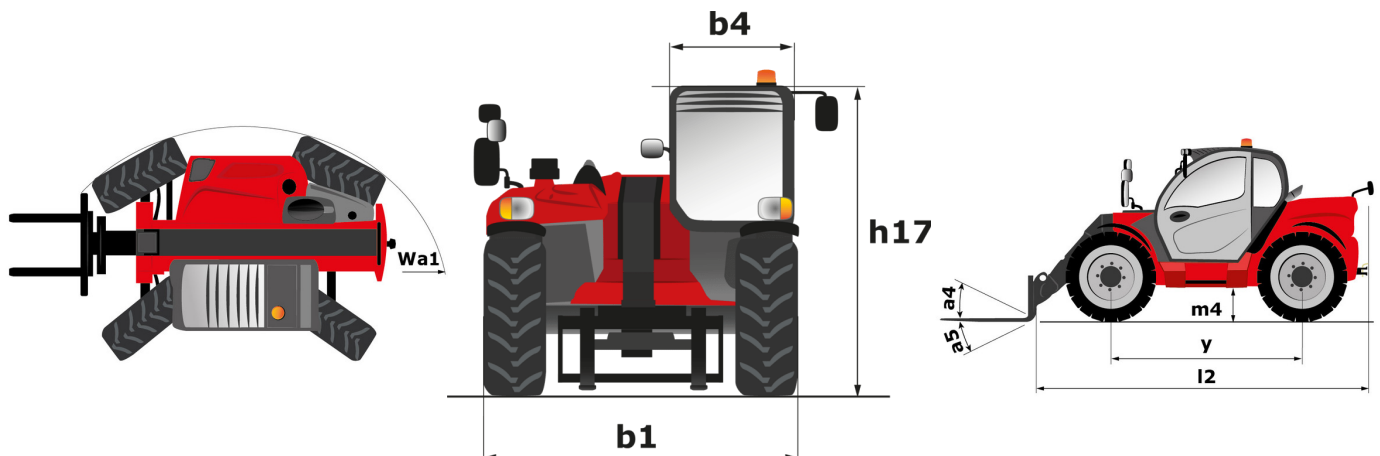
Capacities		Metric	Imperial
Max. capacity	Q	3000 kg	6614 lb
Max. lifting height	h3	6.10 m	20 ft
Max. outreach		3.34 m	10 ft 11 in
Reach at max. height		0.90 m	2 ft 11 in
Breakout force with bucket		5840 daN	5840 daN
Weight and dimensions			
Unladen weight (with forks)		7000 kg	15432 lb
Ground clearance	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 oil		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 to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Tractor homologation		Tractor homologation	Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
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>			
"Active CRC" boom suspension	O	O	S
Air conditioning with automatic adjustment	O	O	S
Air conditioning with manual adjustment	O	S	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Automatic wheel alignment	O	O	S
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Electric mirror with de-icing	O	O	S
Extra front wiper	O	S	S
Harmony screen	S	S	-
Low frequency air suspension cloth-covered seat (GRAMMER)	-	-	S
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Tuner car radio (50 W)	S	-	-
Vision screen 7"	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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