Technical sheet:

MLT 630-105 ST4





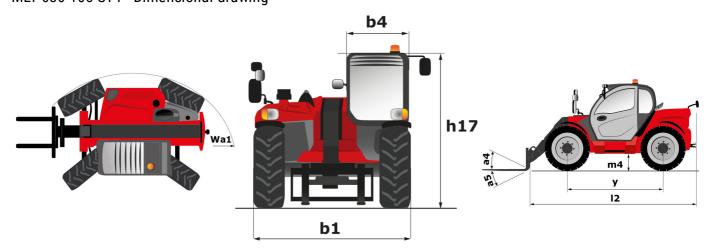
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Capacities		Metric	Imperial
Max. capacity	Q	3000 kg	6614 lb
Max. lifting height	h3	6.10 m	20 ft
Maximum outreach		3.34 m	10 ft 11 in
Reach at max. height		0.90 m	2 ft 11 in
Breakout force with bucket		5840 daN	5840 daN
Weight and dimensions			
Unladen 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)	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
Filt-down angle	a5	133 °	133 °
Filt-up angle	a4	13 °	13 °
External turning radius (over tyres)	Wa1	3.68 m	12 ft 1 in
Standard tires	wai	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		(50 -	6.50
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 cm³	4 - 221 in³
.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
		4 radiators (water + intercooler + hydraulic oil +	4 radiators (water + intercooler + hydraulic oil
Engine cooling system		transmission 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 axle
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 I	25 US gal
Fuel tank		78 I	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		75 dB	75 dB
Noise at diving position (LPA) tested following NF EN 12033 Hollin		105 dB	105 dB
,			
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous		Treatment of the	Transfer 1 1 2
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

		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







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