Technical sheet:

## MLT 630-105 ST4





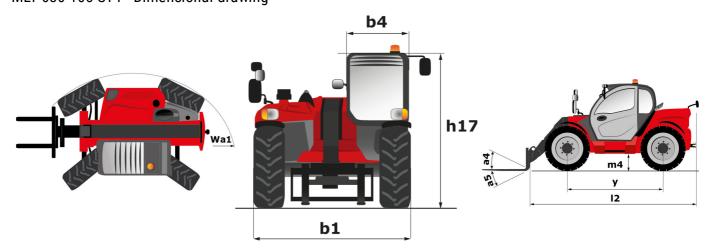
Capacities		Metric	Imperial	
Max. capacity	Q	3000 kg	6614 lb	
	h3	6.10 m	20 ft	
Max. lifting height	IIS			
Maximum outreach		3.34 m	10 ft 11 in 2 ft 11 in	
Reach at max. height		0.90 m		
Breakout force with bucket		5840 daN	5840 daN	
Weight and dimensions				
Inladen weight (with forks)		7000 kg	15432 lb	
Ground clearance	m4	0.35 m	1 ft 2 in	
Vheelbase	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	****	Alliance - A580 - 405/70 R24 152A8	Alliance - A580 - 405/70 R24 152A8	
Orive wheels (front / rear)		2 / 2	2 / 2	
		2/2	2/2	
Steering wheels (front / rear)		212	212	
Performances		6.50 -	6.50.0	
ifting .		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 in <sup>3</sup>	
.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		Towns and the	T	
Fransmission 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	
low sharing distributor		Option	Option	
Tank capacities				
Hydraulic tank capacity		94 l	25 US gal	
Fuel tank		78 I	25 US gal	
		78 I 13 I		
Diesel Exhaust fluid (AdBlue® type)		131	3 US gal	
Noise and vibration				
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB 105 dB	75 dB	
Noise to environment (LwA)	se to environment (LwA)		105 dB	
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>	
Miscellaneous				
Tractor homologation		Tractor homologation	Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2	

## Options / Finishing

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

Liftor (michan		Classic	Premium	Elite
Electrown for 2 hydraulic functions (on boom head)         0 <t< th=""><th>Lifting function</th><th></th><th></th><th></th></t<>	Lifting function			
Pedauli attachment locking   0   0   0   0   0   0   0   0   0	Easy Connect System (ECS)	S	S	S
Return pipe to hydraulic oil tank	Electrovalve for 2 hydraulic functions (on boom head)	0	0	0
	Hydraulic attachment locking	0	0	0
Air conditioning with manual adjustment Air suspension fabric seat - GRAMMER 0	Return pipe to hydraulic oil tank	0	0	0
Air suspension fabric seat - GRAMMER Automatic vice distingent 1000000000000000000000000000000000000	Operator station			
Automatic air conditioning         0         0         S           Automatic wheel alignment         0         0         S           Blueboth USR adio - With integrated microphone - 100W         0         S           Blueboth USR adio - With integrated microphone - 100W         0         S           Exter for affel electric rear-view minor with de-icing         0         S           Exter for Myler         0         S         S           Exter for Myler         0         S         S           Lew for frequency air suspension fabric seat - GRAMMER         S         C         S           Low frequency air suspension fabric seat - GRAMMER         S         C         C           Low frequency air suspension fabric seat - GRAMMER         S         C         C           Mechanical cloth-covered seat (GRAMMER)         S         C         C           Turner car radio - SOW         S         C         C           Vision screen - 7 in.         S         S         S           Motorization/Fower         S         S         S           Autorization for whydraulic         S         S         S           Self cleaning air pefilter         S         S         S           Self cleaning air pefilter </td <td>Air conditioning with manual adjustment</td> <td>0</td> <td>S</td> <td>-</td>	Air conditioning with manual adjustment	0	S	-
Automatic wheel alignment   0	Air suspension fabric seat - GRAMMER	0	S	
Blueboth USB radio - With integrated microphone - 100W	Automatic air conditioning	0	0	S
Buetooth USB radio - With integrated microphone - 100W   S   S	Automatic wheel alignment	0	0	S
Boom suspension - "Active CRC"   0	Bluetooth USB radio - With extra microphone - 100W	0	0	S
Exterior right electric rearwise minor with de-icing         0         S         S           Exter form wiger         0         S         S           Low frequency air suspension fabric seat - GRAMMER         -         -         S           Mechanical cloth-covered seat (GRAMMER)         S         -         -           Tuner car and o. 500         S         -         -           Vision screen - 7 in.         0         0         S           Motorazion/Power         S         S         S           Auto reversing fa         S         S         S           Continuous flow hydraulics         0         0         S           Continuous flow hydraulics         0         0         S           Exter cleaning air prefilter         S         S         S           Self cleaning air prefilter         0         0         S           Self cleaning air prefilter         0         0         0           1 pair of pre-fitted Double Action rear hydraulic couplers         0         0         0           Additional fuel tank (421)         0         S         S           Automatic rotating bowing hitch on counterweight         0         0         0           Hydraulic ickaley bric	Bluetooth USB radio - With integrated microphone - 100W	0	S	
Extar front wiper   0	Boom suspension - "Active CRC"	0	0	S
Hamony screen - 5 in.	Exterior right electric rear-view mirror with de-icing	0	0	S
Low frequency air suspension fabric seat - GRAMMER	Extra front wiper	0	S	S
Mechanical cloth-covered seat (GRAMMER)   S   C   C   Tuner car radio - 50W   S   C   Motorization Power   C   C   Auto reversing fan   S   S   S   S   Auto reversing fan   S   S   S   Secondary functions   S	Harmony screen - 5 in.	S	S	
Tuner car radio - 50W   S	Low frequency air suspension fabric seat - GRAMMER	-		S
Vision screen - 7 in.         0         0         S           Motorization/Power         Common Service of Medication (Prower Sing fan Service Se	Mechanical cloth-covered seat (GRAMMER)	S		
Motor/zation/Power         Motor reversing fan         S         S         S           Continuous flow hydraulics         0         0         S           Hand throttle         0         0         S           Self cleaning air prefitter         S         S         S           Secondary functions         0         0         0           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           Ladder hitch with choice of hooks         0         0         0           Manual rotating towing hitch         S         S         S           Lighting         S         S         S           Euglish (with choice of hooks	Tuner car radio - 50W	S		-
Autor reversing fan         S         S         S           Continuous flow hydraulics         0         0         S           Hand throttle         0         0         S           Self cleaning air prefilter         5         S         S           Secondary functions         T <td>Vision screen - 7 in.</td> <td>0</td> <td>0</td> <td>S</td>	Vision screen - 7 in.	0	0	S
Continuous flow hydraulics         0         0         S           Hand throttle         0         0         S           Self cleaning air prefilter         S         S         S           Secondary functions         S         S         S           1 pair of pre-fitted Double Action rear hydraulic couplers         0         0         0           Additional fuel tank         0         -         -           Additional fuel tank (42 l)         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           Manual rotating towing hitch         S         S         S           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           LED + (4 additional work lights)         0         0         0           Se	Motorization/Power			
Hand throttle         0         0         S           Self cleaning air prefilter         S         S         S           Secondary functions         S         S         S           1 pair of pre-fitted Double Action rear hydraulic couplers         0         0         0         0           Additional fuel tank         0         -	Auto reversing fan	S	S	S
Self cleaning air prefilter         S         S         S           Secondary functions         S         C         C         C         C         D </td <td>Continuous flow hydraulics</td> <td>0</td> <td>0</td> <td>S</td>	Continuous flow hydraulics	0	0	S
Secondary functions         In 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         S         S         S           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         0         0         0           Automatic rotating towing hitch         0         0         0           Front and rear work lights on cab (x4)         0	Hand throttle	0	0	S
1 pair of pre-fitted Double Action rear hydraulic couplers         0         0         0           Additional fuel tank         0         -         -           Additional fuel tank (42 I)         0         \$         \$           Automatic rotating towing hitch on counterweight         0         0         0           Hydraulic pick-up hitch - low position         0         0         0           Hydraulic trailer brake         \$         \$         \$           Ladder hitch with choice of hooks         0         0         0           Manual rotating towing hitch         \$         \$         \$           Boom Work Lights (on fixed part) (x2)         0         0         0           Front and rear LED work lights on cab (x4:2 front + 2 rear)         0         \$         \$           Front and rear work lights on cab (x4)         \$         0         0         0           LED + (4 additional work lights)         0         0         0         0           Security         0         0         0         0	Self cleaning air prefilter	S	S	S
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       S       S       S         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       0       0       0         Audio waming on reverse       0       0       0	Secondary functions			
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       S       S       S         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       0       0       0         Audio waming on reverse       0       0       0	1 pair of pre-fitted Double Action rear hydraulic couplers	0	0	0
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         U         U         U           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         0         0         0           Audio warning on reverse         0         0         0	Additional fuel tank	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         Use of the part) (x2)         0         0         0           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         0         0         0           Audio warning on reverse         0         0         0	Additional fuel tank (42 I)	0	S	S
Hydraulic trailer brake         S         S         S           Ladder hitch with choice of hooks         0         0         0           Manual rotating towing hitch         S         S         S           Lighting         Use of the part) (x2)         Use of the 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         0         0         0           Audio warning on reverse         0         0         0	Automatic rotating towing hitch on counterweight	0	0	0
Ladder hitch with choice of hooks       0       0       0         Manual rotating towing hitch       S       S       S         Lighting       Use of the part) (x2)       O       0       0       0         Boom Work Lights (on fixed part) (x2)       0       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       0       0       0         Audio warning on reverse       0       0       0	Hydraulic pick-up hitch - low position	0	0	0
Manual rotating towing hitch         S         S         S           Lighting         Use of Lights (on fixed part) (x2)         0         0         0         0         S         S           Front and rear work lights on cab (x4)         S         -	Hydraulic trailer brake	S	S	S
Lighting         Common Work Lights (on fixed part) (x2)         O<	Ladder hitch with choice of hooks	0	0	0
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         0         0         0           Audio warning on reverse         0         0         0         0	Manual rotating towing hitch	S	S	S
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         U         U           Audio warning on reverse         0         0         0	Lighting			
Front and rear work lights on cab (x4)         S         -         -           LED + (4 additional work lights)         0         0         0           Security         C         C         C           Audio warning on reverse         0         0         0         0	Boom Work Lights (on fixed part) (x2)	0	0	0
LED + (4 additional work lights)         0         0         0           Security         Companies         Companie	Front and rear LED work lights on cab (x4:2 front + 2 rear)	0	S	S
Security         0         0         0           Audio warning on reverse         0         0         0	Front and rear work lights on cab (x4)	S	-	-
Audio warning on reverse 0 0 0 0	LED + (4 additional work lights)	0	0	0
•	Security			
Audio warning on reverse movements 0 0 0	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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