Technical sheet :

MLT 630-105 V ST4





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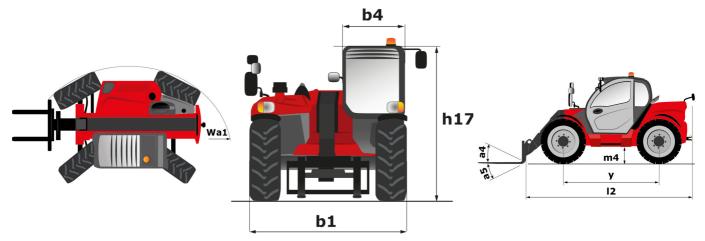
		MLI 630-105 V 514	Siealeu uli Apili 24, 2024 al 8. 14. 12 Pili UTC	
Capacities		Metric	Imperial	
Max. capacity	Q	3000 kg	6614 lb	
Max. lifting height	h3	6.10 m	20 ft	
Max. outreach		3.34 m	10 ft 11 in	
Reach at max. height		0.90 m	2 ft 11 in	
Breakout force with bucket		5840 daN	5840 daN	
Weight and dimensions				
Unladen weight (with forks)		6920 kg	15256 lb	
Ground clearance	m4	0.39 m	1 ft 3 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 °	
Tilt-up angle	a4	13°	13 °	
	Wa1	3.68 m	13 12 ft 1 in	
External turning radius (over tyres) Standard tires	VVd I			
		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 cm³	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)		6540 daN	6540 daN	
Reversible fan		Standard	Standard	
Engine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil	
Transmission				
Transmission type		M-Varioshift	M-Varioshift	
Number of gears (forward / reverse)		2/2	2/2	
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 braking on front axles	Oil-Immersed multi-discs braking on front axles	
Hydraulics				
Hydraulic pump type		Gear pump	Gear pump	
Hydraulic flow - Pressure		104 I/min - 250 bar	27 US gpm - 3626 PSI	
Flow sharing distributor		Option	Option	
Tank capacities		option	option	
Hydraulic oil		94	25 US gal	
Fuel tank		78	25 US gai 21 US gai	
		13		
Diesel Exhaust fluid (AdBlue® type)		131	3 US gal	
Noise and vibration		74.40	74.40	
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB	74 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	Elit
Lifting function			
Easy Connect System (ECS)	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			-
"Active CRC" boom suspension	0	0	S
Air conditioning with automatic adjustment	0	0	S
Air conditioning with manual adjustment	0	S	
Air suspension cloth-covered seat (GRAMMER)	0	S	
Automatic wheel alignment	0	0	S
Bluetooth USB car radio with extra microphone (100 W)	0	0	s
Bluetooth USB car radio with integrated microphone (100 W)	0	S	
Electric mirror with de-icing	0	0	S
Extra front wiper	0	S	S
Harmony screen	S	S	
Mechanical cloth-covered seat (GRAMMER)	S	-	
Tuner car radio (50 W)	S	-	
Vision screen 7"	0	0	S
Motorization/Power			
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 (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

MLT 630-105 V ST4 - Dimensional drawing





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