Technical sheet:

MLT 630-105 ST4





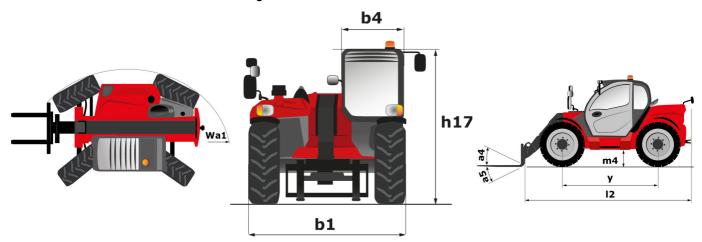
	MEI 630-103	ST4 Created on July 3, 2025 at 8:39 PM L
Capacities	Metric	Imperial
Max. capacity	Q 3000 kg	6614 lb
Max. lifting height	h3 6.10 m	20 ft
Maximum outreach	3.34 m	10 ft 11 in
Reach at max. height	0.90 m	2 ft 11 in
Breakout force with bucket	5840 daN	5840 daN
Weight and dimensions		
Inladen weight (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)	I11 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
	a5 133 °	133 °
Filt-down angle		13 °
ilt-up angle		
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
Steering wheels (front / rear)	2 / 2	2 / 2
Performances		
ifting	6.50 s	6.50 s
owering	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
Ingine model	TCD 3.6 I	TCD 3.6 I
Number of cylinders - Capacity of cylinders	4 - 3621 cm ³	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
Orawbar 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		
Fransmission type	Torque converter	Torque converter
Searbox	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
lydraulics		
lydraulic pump type	Gear pump	Gear pump
lydraulic flow - Pressure	104 l/min - 250 bar	27 US gpm - 3626 PSI
low sharing distributor	Option	Option
ank capacities		
lydraulic tank capacity	94	25 US gal
uel tank	78 I	21 US gal
Diesel Exhaust fluid (AdBlue® type)	13	3 US gal
loise and vibration		
loise at driving position (LpA) tested following NF EN 12053 norm	75 dB	75 dB
loise to environment (LwA)	75 dB 105 dB	75 dB
` '		
fibration on hands/arms	< 2.50 m/s²	< 2.50 m/s²
Miscellaneous	To 1 1 1 1 1	Total 1 1 1
Tractor homologation	Tractor homologation	Tractor homologation
	Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
Cab certification Controls	JSM	JSM

Options / Finishing

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

	Classic	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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