

Technical sheet :

MLT 630-105 ST4



Capacities		Metric	Imperial
Max. capacity	Q	3000 kg	6614 lbs
Max. lifting height	h3	6.1 m	20 ft
Max. outreach	l4	3.34 m	10 ft 11 in
Reach at max. height		0.9 m	2 ft 11 in
Breakout force with bucket		5840 daN	5840 daN
Weight and dimensions			
Unladen weight (with forks)		7000 kg	15432 lbs
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 tyres		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		6.5 s	6.5 s
Lowering		5 s	5 s
Extension		5.4 s	5.4 s
Retraction		3 s	3 s
Crowd		3.4 s	3.4 s
Dump		2.7 s	2.7 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 - 220.97 in³
I.C. Engine power rating / Power (kW)		101 Hp / 74.4 kW	101 Hp / 74.4 kW
Max. torque / Engine rotation		410 Nm/m @1600 tr/min	410 Nm/m @1600 tr/min
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	24.9 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	104 l/min - 17 PSI
Flow sharing distributor		Option	Option
Tank capacities			
Hydraulic oil		94 l	20.68 gal
Fuel tank		78 l	17.16 gal
Diesel Exhaust fluid (AdBlue® type)		13 l	2.86 gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB(A)	75 dB(A)
Environmental noise (LwA)		105 dB(A)	105 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			

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Safety tractor homologation / cab homologation		Safety tractor homologation - Cab ROPS - FOPS Level 2	Safety tractor homologation - Cab ROPS - FOPS Level 2
Controls		JSM	JSM

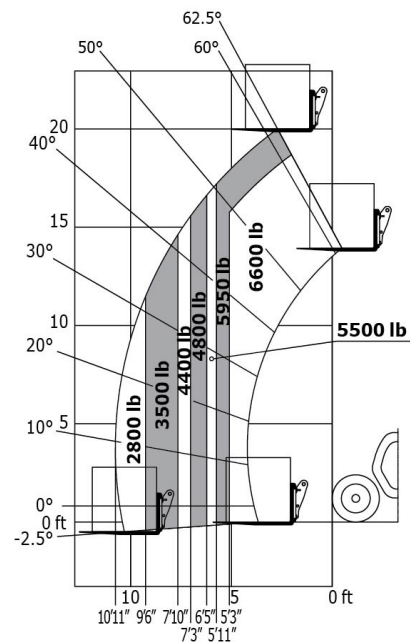
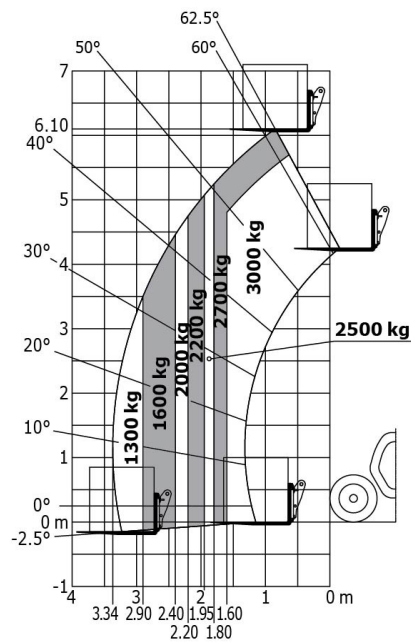
Options / Finishing

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

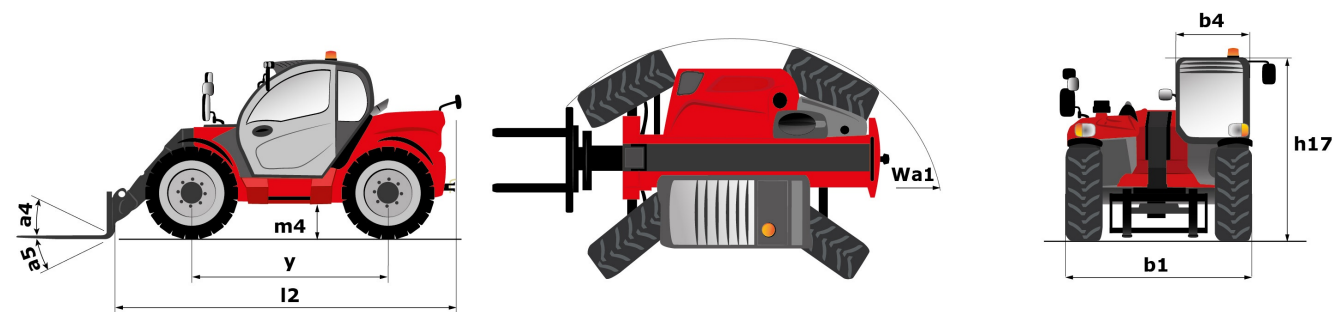
	Classic	Premium	Elite
Lifting function			
Easy Connect System (E.C.S.)	S	S	S
Hydraulic attachment locking	O	O	O
Return pipe to hydraulic oil tank	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Operator station			
Automatic wheel alignment	O	O	S
"Active CRC" boom suspension	O	O	S
Low frequency air suspension cloth-covered seat (GRAMMER)	O	O	-
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Tuner car radio (50 W)	S	-	-
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
"Harmony" screen	S	S	-
"Vision" display	O	O	S
Air conditioning with manual adjustment	O	S	-
Air conditioning with automatic adjustment	O	O	S
Extra front wiper	O	S	S
Electric mirror with de-icing	O	O	S
low frequency air suspension cloth-covered seat	-	-	S
vision screen (7")	O	O	S
Motorization/Power			
Auto Reversing Fan	S	S	S
Self cleaning air prefilter	S	S	S
Auto reversing fan	S	S	S
Continuous flow hydraulics	O	O	S
Hand throttle	O	O	S
Lighting			
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-	-
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S	S
LED + (4 additional work lights)	O	O	O
Boom Work Lights (on fixed part) (x2)	O	O	O
Safety			
Audio warning on reverse	O	O	O
Audio warning on reverse movements	O	O	O
Secondary functions			
Additional fuel tank (42 l)	O	S	S
Automatic rotating towing hitch on counterweight	O	O	O
Ladder hitch with choice of hooks	O	O	O
Hydraulic pick-up hitch - low position	O	O	O
Hydraulic trailer brake	S	S	S
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Manual rotating towing hitch	S	S	S
Additional fuel tank	O	-	-

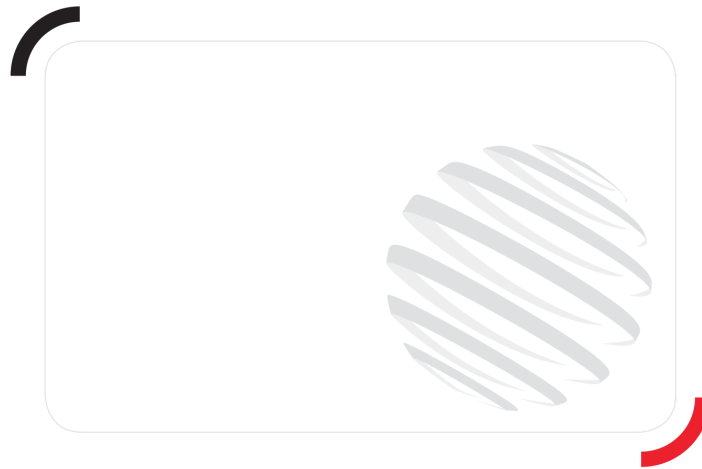
Load chart

Rough terrain load chart (EN 1459 B) Metric Rough terrain load chart (EN 1459 B) Imperial



Dimensional drawing





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