

Technical sheet

MLT 630-105 V CP

Telehandlers



Capacities	Metric	Imperial
Max. capacity	3000 kg	6614 lbs
Max. lifting height	6 m	19 ft 8 in
Max. outreach	3.43 m	11 ft 3 in
Reach at max. height	0.90 m	2 ft 11 in
Weight and dimensions		
Unladen weight (with forks)	6760 kg	14903 lbs
m4 - Ground clearance	0.28 m	11 in
l2 - Overall length to carriage (with hitch)	4.78 m	15 ft 8 in
y - Wheelbase	2.69 m	8 ft 9 in
b4 - Overall width of cab	0.95 m	3 ft 1 in
b1 - Overall width	2.06 m	6 ft 9 in
h17 - Overall height	2.14 m	7 ft
a4 - Crowd angle	13 °	13 °
a5 - Dump angle	133 °	133 °
Wa1 - External turning radius (over tyres)	3.65 m	11 ft 11 in
Standard tyres	400/70 R20 149A8 A580 - Alliance	400/70 R20 149A8 A580 - Alliance
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		
Brand	Deutz	Deutz
Environmental norm	Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Model	TCD 3.6 l	TCD 3.6 l
Number of cylinders - Cubic capacity	4 - 3621 cm ³	4 - 221 in ³
Power	101 hp / 74.40 kW	101 hp / 74.40 kW
Max. torque	410 Nm at 1600 rpm	302 ft.lbs at 1600 rpm
Laden drawbar pull	6540 daN	14702 lbf
Reversible fan	Standard	Standard
Cooling system	3 radiators (water + intercooler + hydraulic oil)	3 radiators (water + intercooler + hydraulic oil)
Transmission		
Type	M-Varioshift	M-Varioshift
Number of gears (forward/reverse)	2/2	2/2
Max. travel speed (may vary according to applicable regulations)	38 km/h	24 mph
Differential lock	Limited slip differential on front axle	Limited slip differential on front axle
Parking brake	Manual parking brake	Manual parking brake
Service brake	Hydraulic oil immersed multi-disc braking on front axle	Hydraulic oil immersed multi-disc braking on front axle
Hydraulics		
Hydraulic pump type	Gear pump	Gear pump
Hydraulic flow - Pressure	104 l/min - 250 bar	27.47 gpm - 3625.94 psi
Tank capacities		
Hydraulic oil	94 l	25 US gal.
Fuel	78 l	21 US gal.
Diesel Exhaust Fluid (AdBlue® type)	13 l	3.50 US gal.

Noise & vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	74 dB(A)	74 dB(A)
Environmental noise LwA	105 dB(A)	105 dB(A)
Vibration to whole hand / arm	<2.5 m/s²	<8.2 ft/s²
Miscellaneous		
Safety	Tractor homologation EN 15000 Norm Cab ROPS - FOPS Level 2	Tractor homologation EN 15000 Norm Cab ROPS - FOPS Level 2

Tyre options

Optional tires	Overall machine height	Overall machine width
Michelin - 400/70 R20 149A8 XMCL	2.14 m	2.06 m
Michelin - 400/70 R20 149A8 Bibload	2.14 m	2.06 m
Alliance - 500/45-20 159A8 A331	2.10 m	2.20 m

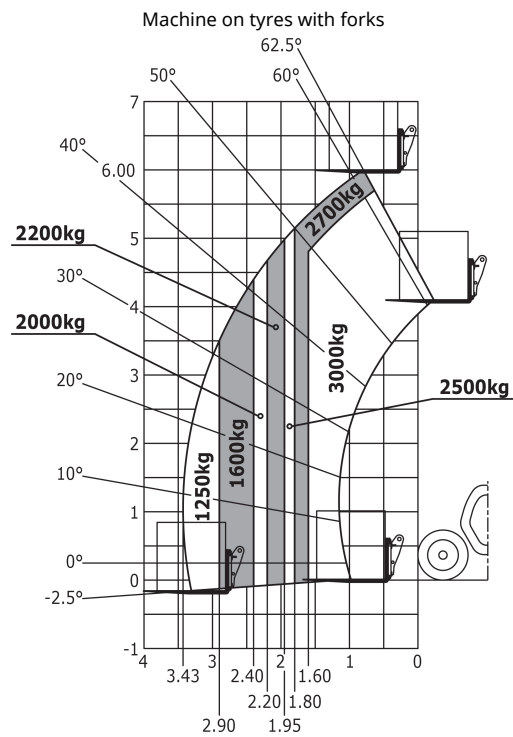
Options / Finishing

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

	Classic	Premium	Elite
General			
Self cleaning air prefilter	S	S	S
Auto reversing fan	S	S	S
Boom suspension "Active CRC"	O	O	S
Hand throttle	O	O	S
Automatic wheel alignment	O	O	S
Additional fuel tank (42 l)	O	S	S
Manual rotating towing hitch on counterweight	S	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
Flat grid (- 2 cm overall height)	O	O	O
Comfort			
Mechanical cloth seat (GRAMMER)	S	-	-
Air suspension cloth seat (GRAMMER)	O	S	-
Low frequency air suspension cloth seat (GRAMMER)	O	O	S
Tuner car radio (50 W)	S	-	-
Bluetooth car radio with integrated microphone (100 W)	O	S	-
Bluetooth car radio with extra microphone (100 W)	O	O	S
Manual air conditioning	O	S	-
Air conditioning with automatic adjustment	O	O	S
"Harmony" display	S	S	-
"Vision" display	O	O	S
Hydraulic			
Easy Connect System (ECS)	S	S	S
Continuous flow hydraulics	O	O	S
Attachment hydraulic locking	O	O	O
Return pipe to hydraulic oil tank	O	O	O
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Electrovalve for 2 hydraulic functions (on boom head)	O	O	O
Hydraulic trailer brake	S	S	S
Electricity / Safety			
Audio warning on reverse movements	O	O	O
Front and rear work lights (x4: 2 front + 2 rear)	S	-	-
Front and rear LED work lights (x4 : 2 front + 2 rear)	O	S	S
Extra front wiper	O	S	S
Electric mirror with de-icing	O	O	S
LED + (4 extra work lights)	O	O	O
LED work lights on boom head	O	O	O

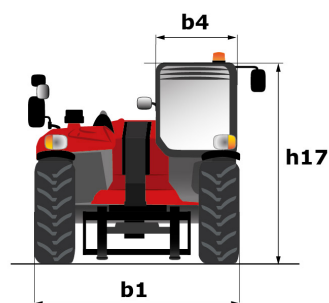
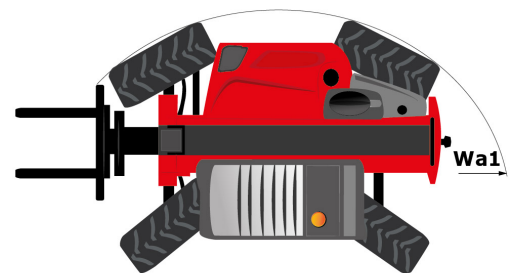
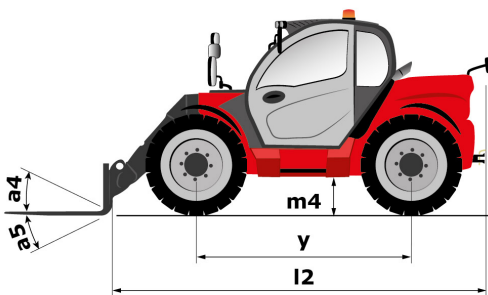
Load chart

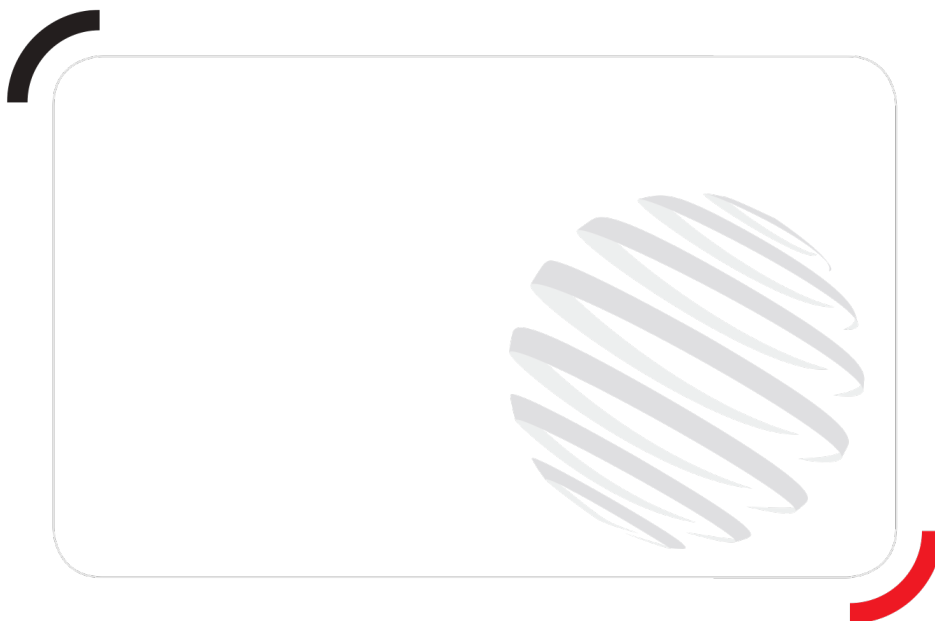
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Rough terrain load chart (EN 1459 B)

Dimensional drawing





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