Technical sheet :

MLT 635-140 V+ ST4



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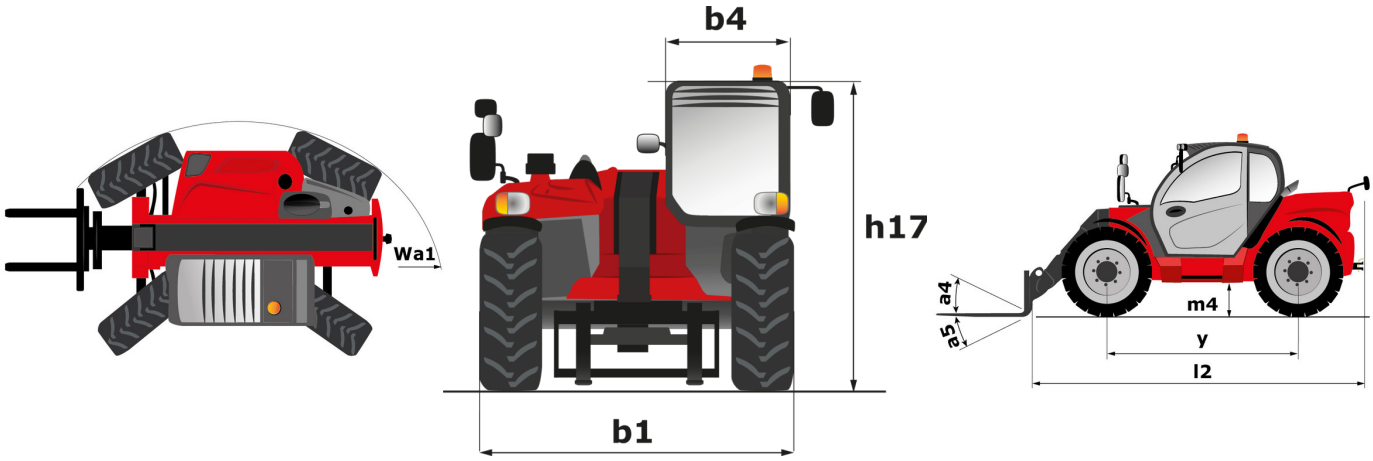
Capacities		Metric	Imperial
Max. capacity	Q	3500 kg	7716 lb
Max. lifting height	h3	6.08 m	19 ft 11 in
Max. outreach		3.20 m	10 ft 6 in
Reach at max. height		0.60 m	2 ft
Breakout force with bucket		5004 daN	5004 daN
Weight and dimensions			
Unladen weight (with forks)		7405 kg	16325 lb
Ground clearance	m4	0.41 m	1 ft 4 in
Wheelbase	y	2.60 m	8 ft 6 in
Overall length to carriage (with hitch)	l11	4.66 m	15 ft 3 in
Front overhang		1.11 m	3 ft 8 in
Overall width	b1	2.39 m	7 ft 10 in
Overall cab width	b4	0.95 m	3 ft 1 in
Overall height	h17	2.38 m	7 ft 10 in
Tilt-down angle	a5	134 °	134 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.77 m	12 ft 4 in
Standard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		7.10 s	7.10 s
Lowering		5.10 s	5.10 s
Extension		6 s	6 s
Retraction		4.50 s	4.50 s
Crowd		3 s	3 s
Dump		2.40 s	2.40 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 - 221 in³
I.C. Engine power rating / Power		136 Hp / 100 kW	136 Hp / 100 kW
Max. torque / Engine rotation		500 Nm @1600 rpm	369 ft/lbs @1600 rpm
Drawbar pull (Laden)		6800 daN	6800 daN
Reversible fan		Standard	Standard
Engine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil
Transmission			
Transmission type		M-Vario Plus	M-Vario Plus
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
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		170 l/min - 270 bar	45 US gpm - 3916 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		135 l	36 US gal
Fuel tank		120 l	32 US gal
Diesel Exhaust fluid (AdBlue® type)		10 l	3 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB	72 dB
Environmental noise (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

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)	O	O	O
Hydraulic attachment locking	O	O	O
Intelligent hydraulics	O	O	S
Regenerative Hydraulics	O	S	S
Return pipe to hydraulic oil tank	O	O	O
Operator station			
"Active CRC" boom suspension	O	O	S
Air conditioning with automatic adjustment	O	O	S
Air conditioning with manual adjustment	O	S	-
Air suspension cloth-covered seat (GRAMMER)	O	S	-
Automatic wheel alignment	O	O	S
Bluetooth USB car radio with extra microphone (100 W)	O	O	S
Bluetooth USB car radio with integrated microphone (100 W)	O	S	-
Electric mirror with de-icing	O	O	S
Extra front wiper	O	S	S
Harmony screen	S	S	-
Lateral wiper	S	S	S
Low frequency air suspension cloth-covered seat (GRAMMER)	-	O	-
Low frequency air suspension cloth-covered seat with heating	O	O	O
Mechanical cloth-covered seat (GRAMMER)	S	-	-
Tuner car radio (50 W)	S	-	-
Vision screen 7"	O	O	S
Motorization/Power			
Continuous flow hydraulics	O	O	S
Hand throttle	S	S	S
Self cleaning air prefilter	S	S	S
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	O	O	O
Additional fuel tank (25 l)	O	O	O
Automatic rotating towing hitch on counterweight	O	O	O
Hydraulic pick-up hitch	O	O	O
Hydraulic trailer brake	S	S	S
Ladder hitch with choice of hooks	O	O	O
Manual rotating towing hitch	S	S	S
Lighting			
Boom Work Lights (on fixed part) (x2)	O	O	O
Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	O	S	S
Front and rear work lights on cab (x4)	S	-	-
LED + (4 additional work lights)	O	O	O
Security			
Audio warning on reverse	O	O	O

MLT 635-140 V+ ST4 - Dimensional drawing



Head Office
B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France
Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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