Technical sheet:

MLT 635-130 PS+ ST4





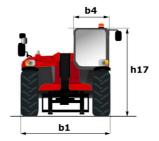
Capacities	Metric	Imperial	
Max. capacity	Q 3500 kg	7716 lb	
	h3 6.08 m	19 ft 11 in	
Max. outreach	3.20 m	10 ft 6 in	
Reach at max. height	0.60 m	2 ft	
Breakout force with bucket	5883 daN	5883 daN	
	3883 UaN	3883 Uain	
Weight and dimensions	71051	44005 !!	
Jnladen weight (with forks)	7405 kg	16325 lb	
	m4 0.41 m	1 ft 4 in	
Vheelbase	y 2.60 m	8 ft 6 in	
J J , ,	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	
ilt-down angle	a5 134 °	134 °	
ilt-up angle	a4 12 °	12 °	
xternal turning radius (over tyres)	Wa1 3.77 m	12 ft 4 in	
tandard tires	Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8	
rive wheels (front / rear)	2/2	2/2	
teering wheels (front / rear)	2/2	2/2	
Performances			
ifting	7.10 s	7.10 s	
owering	5.10 s	5.10 s	
extension	6 s	6 s	
Retraction	4.50 s	4.50 s	
Crowd	3 s	4.50 S	
	2.40 s	2.40 s	
Oump	2.40 \$	2.40 \$	
Engine Control of the	5 .		
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 in³	
.C. Engine power rating / Power	129 Hp / 95 kW	129 Hp / 95 kW	
Max. torque / Engine rotation	500 Nm @1600 rpm	369 ft/lbs @1600 rpm	
Drawbar pull (Laden)	8020 daN	8020 daN	
Reversible fan	Standard	Standard	
Engine cooling system	4 radiators (water + intercooler + hydraulic oil + transmission oil)	4 radiators (water + intercooler + hydraulic oil transmission oil)	
Fransmission			
ransmission type	Torque converter	Torque converter	
Searbox	Powershift Plus (M-Shift)	Powershift Plus (M-Shift)	
lumber of gears (forward / reverse)	6/3	6/3	
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 axle	
lydraulics			
lydraulic pump type	Variable displacement pump	Variable displacement pump	
Hydraulic flow - Pressure	150 l/min - 270 bar	40 US gpm - 3916 PSI	
low sharing distributor	Standard	Standard	
ank capacities	Stanuaru	Statitudiu	
	125	26 110 and	
ydraulic oil	135	36 US gal	
uel tank	120	32 US gal	
iesel Exhaust fluid (AdBlue® type)	10	3 US gal	
loise and vibration			
loise at driving position (LpA) tested following NF EN 12053 norm	73 dB	73 dB	
loise to environment (LwA)	105 dB	105 dB	
/ibration to whole hand/arm	< 2.50 m/s²	< 2.50 m/s²	
Miscellaneous			
ractor 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

Automatic rotating towing hitch on counterweight 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Classic	Premium	Elite
Early Commont System (ECS) Early Commont System (ECS) Early Commont (ECS) Early Early Commont (ECS) Early Ea	Lifting function			
Electronic for 2 hybraulic functions (on boom head)		S	S	
Psychaetic attachment locking				0
Description of the Physical Color				
Regenerative Hydraulics Return pice to hydraulic oil tank O O O O O O O O O O O O O O O O O O O	•			
Return pipe to hydraulic oil tank Competing tablom Competing tabl				
Operator station				
Active CRC' boom suspension Active CRC' boom suspension Ar conditioning with automatic adjustment O O S Ar conditioning with automatic adjustment O S Ar suspension cloth-covered seat (GRAMMER) O S S Suspension cloth-covered seat (GRAMMER) O S S Suspension cloth-covered seat (GRAMMER) O S S Suspension cloth covered seat (GRAMMER) O S S S S S S S S S S S S S S S S S S		O O	S .	0
Air conditioning with automatic adjustment Air conditioning with manual adjustment O S Air conditioning with manual adjustment O S Automatic wheel alignment O S Bullector with a control of the cont	·	0	0	c
Air conditioning with manual adjustment Air suspension cloth-covered seat (GRAMMER) Air suspension cloth-covered seat (GRAMMER) O S Air suspension cloth-covered seat (GRAMMER) O O S Blueboth USB car radio with texta microphone (100 W) O S Clectic mirrors with de-icing - O S S S S S S S S S S S S S S S S S S	·			
Alir suspension Cloth-covered seat (GRAMMER) Automatic wheel alignment 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·			3
Automatic wheel alignment O				-
Siluetooth USB carradio with extra microphone (100 W)				-
Electric mirror with de-icing	•			
Electric mirror with de-icing	, ,			5
Electric mirror with de-icing	. , , ,			-
Extra front wiper 0	-			
Harmony screen	•			
Lateral wiper	·			
Low frequency air suspension cloth-covered seat with heating	•			
Mechanical cloth-covered seat (GRAMMER) S	·			S
Tuner car radio (50 W)			0	-
Vision screen 7"	, ,			-
Motorization/Power Continuous flow hydraulics O	, ,			
Continuous flow hydraulics		0	0	S
Hand throttle 0 0 0 S Self cleaning air prefilter S S S S Secondary functions 1 pair of pre-fitted Double Action rear hydraulic couplers 0 0 0 0 0 Additional fuel tank 0 0 0 0 0 0 Additional fuel tank (25 1) 0 0 0 0 0 Automatic rotating towing hitch on counterweight 0 0 0 0 0 0 Hydraulic pick-up hitch 0 0 0 0 0 0 Hydraulic trailer brake S S S S Ladder hitch with choice of hooks 0 0 0 0 0 0 Manual rotating towing hitch S S S S S Lighting Boom Work Lights (on fixed part) (x2) 0 0 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 0 0 0 0 Security				
Self cleaning air prefilter S S S Secondary functions S S S 1 pair of pre-fitted Double Action rear hydraulic couplers 0 0 0 Additional fuel tank 0 0 0 Additional fuel tank (25 I) - - - Automatic rotating towing hitch on counterweight 0 0 0 Hydraulic pick-up hitch 0 0 0 0 Hydraulic trailer brake S S S S Ladder hitch with choice of hooks 0 0 0 0 Manual rotating towing hitch S S S S Lighting S S S S Boom Work Lights (on fixed part) (x2) 0 0 0 0 Front and rear LED work lights on cab (x4: 2 front + 2 rear) S - - - - - - - - - - - - - - - - - -	•			
Secondary functions It pair of pre-fitted Double Action rear hydraulic couplers 0 0 0 Additional fuel tank 0 0 0 Additional fuel tank (25 I) - - - 0 Automatic rotating towing hitch on counterweight 0 0 0 0 Hydraulic pick-up hitch 0 0 0 0 0 Hydraulic trailer brake S S S S Ladder hitch with choice of hooks 0 0 0 0 Manual rotating towing hitch S S S S Lighting S S S S Boom Work Lights (on fixed part) (x2) 0 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) S S S S Front and rear work lights on cab (x4) S - - - LED + (4 additional work lights) 0 0 0 0 Security 0 0 0 0 0				
In pair of pre-fitted Double Action rear hydraulic couplers Additional fuel tank O O O Additional fuel tank (25 I) Automatic rotating towing hitch on counterweight O O O O O O O O O O O O O O O O O O	<u> </u>	S	S	S
Additional fuel tank Additional fuel tank (25 I)				
Additional fuel tank (25 I) Automatic rotating towing hitch on counterweight O O O O Hydraulic pick-up hitch O O O O O Hydraulic trailer brake S S S S S Ladder hitch with choice of hooks O O O O O O O O O O O O O O O O O O O				
Automatic rotating towing hitch on counterweight 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	
Hydraulic pick-up hitch 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Additional fuel tank (25 l)	•	-	
Hydraulic trailer brake SSSSS Ladder hitch with choice of hooks 0 0 0 0 0 Manual rotating towing hitch SSSSSSS Lighting Boom Work Lights (on fixed part) (x2) 0 0 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Automatic rotating towing hitch on counterweight		0	
Ladder hitch with choice of hooks 0 0 0 Manual rotating towing hitch S S S S S S S Boom Work Lights (on fixed part) (x2) 0 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	Hydraulic pick-up hitch	0	0	0
Manual rotating towing hitch S S S S S S S S S S S S S S D D D D D D D D D S S S S S S S S S S S S S S C	Hydraulic trailer brake			
Lighting Boom Work Lights (on fixed part) (x2) 0 0 0 0 0 0 Front and rear LED work lights on cab (x4 : 2 front + 2 rear) 0 S S S S Front and rear work lights on cab (x4) S -<	Ladder hitch with choice of hooks	0	0	0
Boom Work Lights (on fixed part) (x2)	Manual rotating towing hitch	S	\$	S
Front and rear LED work lights on cab (x4:2 front + 2 rear) S S Front and rear work lights on cab (x4) S LED + (4 additional work lights) O O O Security S S S S C C C C C C C C C C C C C C C	Lighting			
Front and rear work lights on cab (x4) LED + (4 additional work lights) S O O O Security	Boom Work Lights (on fixed part) (x2)	0	0	0
LED + (4 additional work lights) 0 0 0 Security	Front and rear LED work lights on cab (x4 : 2 front + 2 rear)	0	\$	S
Security	Front and rear work lights on cab (x4)	S	-	-
	LED + (4 additional work lights)	0	0	0
Audio waming on reverse 0 0 0	Security			
	Audio warning on reverse	0	0	0

MLT 635-130 PS+ 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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes