Technical sheet :

MLT 635-140 V+





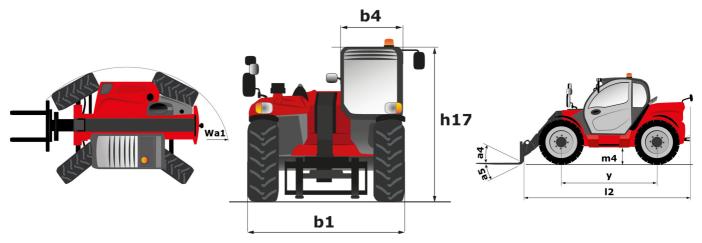
LT 635-140 V+ Created on May 1, 2024 at 9:02:18 PM UTC

Capacities Max. capacity Max. lifting height Max. outreach Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (with hitch) Front overhang Overall width Overall height Tilt-down angle Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Steering wheels (front / rear) Extension Retraction Crowd Dump Engine	Q h3 m4 y 111 13 b1 b4 h17 a5 a4 Wa1	Metric 3500 kg 6.08 m 3.20 m 0.60 m 5441 daN 7600 kg 0.42 m 2.60 m 4.66 m 4.66 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Max. capacity Max. lifting height Max. outreach Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Pront overhang Overall width Overall width Overall height Tilt-down angle Tilt-down angle Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Steering wheels (front / rear) Extension Retraction Crowd Dump	h3 m4 y l11 l3 b1 b4 h17 a5 a4	3500 kg 6.08 m 3.20 m 0.60 m 5441 daN 7600 kg 0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Max. lifting height Max. outreach Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall ab width Overall height Tilt-down angle Tilt-down angle Tilt-down angle Drive wheels (front / rear) Steering wheels (front / rear) Steering wheels (front / rear) Evertion Corowd Dump	h3 m4 y l11 l3 b1 b4 h17 a5 a4	6.08 m 3.20 m 0.60 m 5441 daN 7600 kg 0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Max. outreach Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Front overhang Overall length to carriage (without hitch) Front overhang Overall length Overall cab width Overall rength Tilt-down angle Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Steering wheels (front / rear) Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	3.20 m 0.60 m 5441 daN 7600 kg 0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (with uthtch) Front overhang Overall width Overall height Overall height Tilt-down angle Tilt-down angle Tilt-down angle Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	0.60 m 5441 daN 7600 kg 0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall width Overall height Tilt-down angle Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) External Lifting Lifting Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	7600 kg 0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall ad width Overall cab width Overall height Tilt-down angle Tilt-down angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Extension Lifting Lowering Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	7600 kg 0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall height Tilt-down angle Tilt-down angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Steering Lifting Lowering Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall cab width Overall height Tilt-down angle Tilt-down angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Lifting Lowering Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	0.42 m 2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Wheelbase Overall length to carniage (with hitch) Overall length to carniage (without hitch) Front overhang Overall width Overall cab width Overall height Tilt-down angle Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Lifting Lowering Extension Retraction Crowd Dump	y 111 13 b1 b4 h17 a5 a4	2.60 m 4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Overall length to carriage (with hitch)Overall length to carriage (without hitch)Front overhangOverall widthOverall cab widthOverall cab widthOverall heightTilt-down angleTilt-down angleTilt-up angleExternal turning radius (over tyres)Standard tiresDrive wheels (front / rear)Steering wheels (front / rear)LiftingLoveringExtensionRetractionCrowdDump	111 13 b1 b4 h17 a5 a4	4.66 m 4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall cab width Overall cab width Overall height Tilt-down angle Tilt-down angle Tilt-down angle Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump	13 b1 b4 h17 a5 a4	4.50 m 1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Front overhang Overall width Overall cab width Overall cab width Overall height Tilt-down angle Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump	b1 b4 h17 a5 a4	1.11 m 2.39 m 0.95 m 2.38 m 134 ° 12 °
Overall widthOverall cab widthOverall cab widthOverall heightTilt-down angleTilt-up angleExternal turning radius (over tyres)Standard tiresDrive wheels (front / rear)Steering wheels (front / rear)PerformancesLiftingLoweringExtensionRetractionCrowdDump	b4 h17 a5 a4	2.39 m 0.95 m 2.38 m 134 ° 12 °
Overall cab widthOverall heightTilt-down angleTilt-up angleExternal turning radius (over tyres)Standard tiresDrive wheels (front / rear)Steering wheels (front / rear)PerformancesLiftingLoweringExtensionRetractionCrowdDump	b4 h17 a5 a4	0.95 m 2.38 m 134 ° 12 °
Overall heightTilt-down angleTilt-up angleExternal turning radius (over tyres)Standard tiresDrive wheels (front / rear)Steering wheels (front / rear)PerformancesLiftingLoweringExtensionRetractionCrowdDump	h17 a5 a4	2.38 m 134 ° 12 °
Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Extension Retraction Crowd Dump	a5 a4	134 ° 12 °
Tilt-up angle External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump	a4	12 °
External turning radius (over tyres) Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump		
Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump	Wa I	3.77 m
Drive wheels (front / rear) Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump		Alliance - A580 - 460/70 R24 159A8
Steering wheels (front / rear) Performances Lifting Lowering Extension Retraction Crowd Dump		2 / 2
Performances Lifting Lowering Extension Retraction Crowd Dump		2/2
Lifting Lowering Extension Retraction Crowd Dump		212
Lowering Extension Retraction Crowd Dump		6.80 s
Extension Retraction Crowd Dump		6.80 s
Retraction Crowd Dump		4.50 s
Crowd Dump		4.50 s 4.70 s
Dump		
		2.90 s
		2.50 s
Fasing brand		Dauta
Engine brand		Deutz
Engine norm		Stage V / Tier 4 Final
Engine model		TCD 3,6 L4
Number of cylinders - Capacity of cylinders		4 - 3621 cm ³
I.C. Engine power rating / Power		136 Hp / 100 kW
Max. torque / Engine rotation		500 Nm @1600 rpm
Drawbar pull (Laden)		6600 daN
Reversible fan		Standard
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)
HVO validated (according to EN 15940 standard)		Yes
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		170 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		135 I
Fuel tank		120 I
Diesel Exhaust fluid (AdBlue® type)		101
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB
Noise to environment (LwA)		105 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		RUPS - FUPS level 2 Cab

Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.39 m	2.42 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m







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