Technical sheet:

MLT-X 737-130 PS+



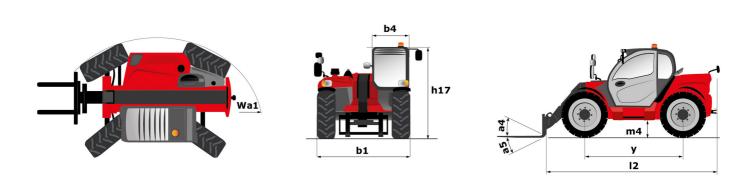


Capacities Max. capacity Max. lifting height Max. outreach Reach at max. height Breakout force with bucket Weight and dimensions Unladen weight (with forks) Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall width Overall ab width Overall ab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres) Standard tires	Q h3 m4 y 111 13 b1 b4 h17 a5	Metric 3700 kg 6.90 m 3.90 m 1 m 5520 daN 7540 kg 0.41 m 2.81 m 4.97 m 4.80 m 1.21 m 2.39 m
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 width Overall cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	m4 y 111 13 b1 b4	6.90 m 3.90 m 1 m 5520 daN 7540 kg 0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
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 width Overall cab width Overall height Tilt-down angle Tilt-up angle External tuming radius (over tyres)	m4 y l11 l3 b1 b4	3.90 m 1 m 5520 daN 7540 kg 0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
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 width Overall cab width Overall height Tilt-down angle Tilt-up angle External tuming radius (over tyres)	y 111 3 b1 b4 h17	1 m 5520 daN 7540 kg 0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
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 cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	y 111 3 b1 b4 h17	5520 daN 7540 kg 0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
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 cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	y 111 3 b1 b4 h17	7540 kg 0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
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-up angle External turning radius (over tyres)	y 111 3 b1 b4 h17	0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
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-up angle External turning radius (over tyres)	y 111 3 b1 b4 h17	0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
Ground clearance Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall height Till-down angle Till-up angle External turning radius (over tyres)	y 111 3 b1 b4 h17	0.41 m 2.81 m 4.97 m 4.80 m 1.21 m
Wheelbase Overall length to carriage (with hitch) Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall height Till-down angle Till-up angle External turning radius (over tyres)	y 111 3 b1 b4 h17	2.81 m 4.97 m 4.80 m 1.21 m
Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	l11 l3 b1 b4 h17	4.80 m 1.21 m
Overall length to carriage (without hitch) Front overhang Overall width Overall cab width Overall height Till-down angle Till-up angle External turning radius (over tyres)	b1 b4 h17	4.80 m 1.21 m
Front overhang Overall width Overall cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	b1 b4 h17	1.21 m
Overall width Overall cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	b4 h17	
Overall cab width Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	b4 h17	
Overall height Tilt-down angle Tilt-up angle External turning radius (over tyres)	h17	0.95 m
Tilt-down angle Tilt-up angle External turning radius (over tyres)		2.38 m
Tilt-up angle External turning radius (over tyres)		134 °
External turning radius (over tyres)	a4	12 °
	Wa1	3.93 m
Sidiludiu liles	wai	Alliance - A580 - 460/70 R24 159A8
Performances		Allialice - A360 - 400/70 R24 139A6
		6.00 -
Lifting		6.80 s
Lowering		7.10 s
Extension		5.80 s
Retraction		5.20 s
Crowd		3.20 s
Dump		2.80 s
Engine		
Engine brand		Deutz
Engine nom		Stage IIIA
Max. fuel sulphur content		2000 ppm
Engine model		TCD 3,6 L4 f
Number of cylinders - Capacity of cylinders		4 - 3621 cm³
I.C. Engine power rating / Power		129 Hp / 95 kW
Max. torque / Engine rotation		500 Nm @1600 rpm
Drawbar pull (Laden)		7950 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		Torque converter
Gearbox		Powershift
Number of gears (forward / reverse)		6 / 3
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	0i	l-immersed multi-discs braking on front & rear axles
Hydraulics		dvic2
		Variable displacement pump
Hydraulic pump type		
Hydraulic flow - Pressure		150 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		125 /
Hydraulic tank capacity		135
Final Analy		120
Fuel tank		
Noise and vibration		75 dB
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		106 dB
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms		< 2.50 m/s ²
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous		< 2.50 m/s²
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms		

Optional tires tab

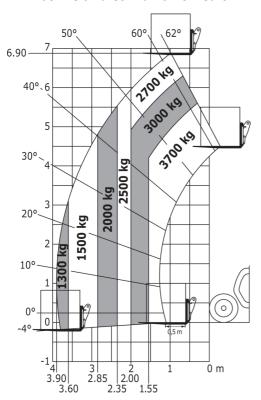
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 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
TRELLEBORG - TH500 - 460/70 R24 159A8 ALLIANCE - A585 - 460/70 R24 159A8		

MLT-X 737-130 PS+ - Dimensional drawing



MLT-X 737-130 PS+ - Load chart

Machine on tires with forks Metric







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