Technical sheet :







	Technical characteristics				
1.1	Manufacturer				
1.1	Model Name				
1.2	Power source				
1.3	Operator type				
1.4	Max. capacity				
1.6	Load center of gravity				
1.8	Load distance, centre of drive axle to fork				
1.0	Load distance, centre of drive axie to fork Wheelbase				
1.9	Weight				
2.1	Service weight				
2.1	Weight on front axle (laden) / rear axle (laden)				
2.2	Weight on front axie (Inladen) / rear axie (Iuladen)				
2.0	Wheels				
3.1	Tires type				
3.1	Tires type Dimensions of front wheels				
3.3	Dimensions of rear wheels				
3.5	Number of front wheels / rear wheels				
3.5.2	Number of drive wheels				
3.6	Front wheel gauge				
3.7	Rear wheel gauge				
	Dimensions				
4.7					
4.7 4.8	Dimensions Height of overhead guard (cabin) Seat height/stand height				
	Height of overhead guard (cabin)				
4.8	Height of overhead guard (cabin) Seat height/stand height				
4.8 4.19	Height of overhead guard (cabin) Seat height/stand height Overall length				
4.8 4.19 4.20	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks				
4.8 4.19 4.20 4.21	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width				
4.8 4.19 4.20 4.21 4.22	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length				
4.8 4.19 4.20 4.21 4.22 4.23	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B				
4.8 4.19 4.20 4.21 4.22 4.23 4.23	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengttways				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Turning radius				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Turning radius Performances				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35 5.1	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Tuming radius Performances Travel speed (laden)				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35 5.1 5.2.1	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Tuming radius Performances Travel speed (laden) Lifting speed (unladen)				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35 5.1 5.2.1 5.2.1 5.3.1	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Tuming radius Performances Travel speed (laden) Lifting speed (unladen) Lowering speed (unladen)				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35 5.1 5.2.1 5.3.1 5.5	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Tuming radius Performances Travel speed (laden) Lifting speed (unladen) Lowering speed (unladen) Drawbar pull (Laden)				
4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35 5.1 5.2.1 5.3.1 5.5	Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways Tuming radius Performances Travel speed (laden) Lifting speed (unladen) Drawbar pull (Laden) Service brake				

Metric	
Manitou	
M-X 70-2	
Diesel	
Seated	

м-х то-2 Created on August 10, 2025 at 4:00 AM UTC

Q

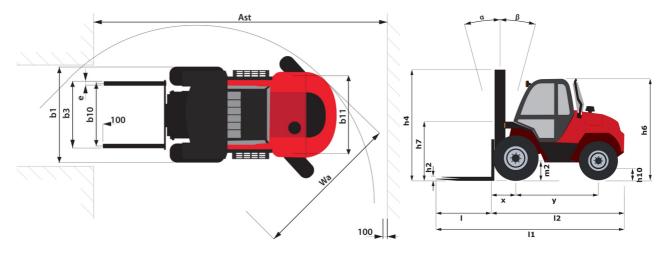
Х

b10 b11 h6 h7 11 i2 b1 s / e / l b3 m1 m2 Ast Wa

M-X 70-2	
Diesel	
Seated	
7000 kg	
600 mm	
803 mm	
2.49 m	
9880 kg	
14954 kg / 1926 kg	
4040 kg / 5840 kg	
Pneumatic	
18R185 8T N20XF	
265/70R19,5 6T P30 HT3	
2 / 2	
2	
1700 mm	
1545 m	
2475 mm	
1485 mm	
5700 mm	
4200 mm	
2155 mm	
70 mm x 150 mm / 1200 mm	
4A	
1750 mm	
300 mm	
410 mm	
6703 mm	
4200 mm	
	1
24 km/h	
0.40 m/s	
0.40 m/s	
7960 daN	
Hydraulic servo brake	
	ſ
Perkins / 1104D-44T NL38894 / Stage IIIA	
70 Hp	

70 Hp

M-X 70-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 36	FVD 40	FVD 45	
α - Mast/fork carriage tilt, forward	۰	15	15	15
β - Mast/fork carriage tilt, backward	۰	15	15	15
h1 - Mast lowered height	mm	3145	3145	3595
h4 - Mast extended height	mm	4960	4960	5860
Residual capacity at max height	kg	7000	7000	6500
Residual capacity with integrated side shift at max heigth	kg	6300		
Height at max capacity	mm	2500	2500	2500



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