Technical sheet :







	Technical characteristics					
1.1	Manufacturer					
1.1	Model Name					
1.2	Power source					
1.3	Operator type					
1.4	Max. capacity					
1.5	Load center of gravity					
1.8	Load distance, centre of drive axle to fork					
1.0	Wheelbase					
1.9	Weight					
2.1	Service weight					
2.1	Weight on front axle (laden) / rear axle (laden)					
2.2	Weight on front axie (raden) / rear axie (raden) Weight on front axie (Unladen) / rear axie (Unladen)					
2.5	Wheels					
3.1	Tires type					
3.1	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					
3.7						
	Dimensions					
4.7	Dimensions Height of overhead guard (cabin)					
4.7 4.8	Dimensions Height of overhead guard (cabin) Seat height/stand height					
4.7	Dimensions Height of overhead guard (cabin)					
4.7 4.8 4.19	Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length					
4.7 4.8 4.19 4.20	Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks					
4.7 4.8 4.19 4.20 4.21	Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width					
4.7 4.8 4.19 4.20 4.21 4.22	Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section x width x length					
4.7 4.8 4.19 4.20 4.21 4.22 4.23	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.24	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.23 4.24 4.31 4.32	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35	Dimensions 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					
4.7 4.8 4.19 4.20 4.21 4.22 4.23 4.24 4.31 4.32 4.34 4.35 5.1	Dimensions 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 Travel speed (laden)					
4.7 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	Dimensions 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 Travel speed (laden) Lifting speed (unladen)					
4.7 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	Dimensions 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 Travel speed (laden) Lifting speed (unladen) Lowering speed (unladen)					
4.7 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	Dimensions 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 Travel speed (laden) Lifting speed (unladen) Dewring speed (unladen) Drawbar pull (Laden)					
4.7 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	Dimensions 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) Service brake					

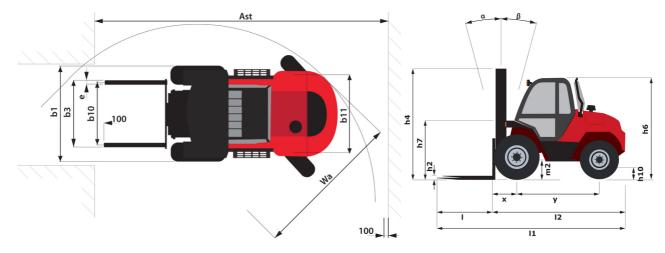
_	
	Metric
	Manitou
	M-X 70-2
	Diesel
	Seated
	7000 kg
	600 mm
	803 mm
	2.49 m
	9880 kg
	14954 kg / 1926 kg
	4040 kg / 5840 kg
	Pneumatic
	18R185 8T N20XF
	265/70R19,5 6T P30 HT3
	2/2
	2
	1700 mm
	1545 m

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 24 km/h 0.40 m/s 0.40 m/s 7960 daN Hydraulic servo brake

Perkins / 1104D-44T NL38894 / Stage IIIA

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	٥	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

м-х то-2 Created on August 11, 2025 at 3:13 AM UTC

Q

х

b10 b11

h6

h7

|1 12

b1

s / e / l

b3

m1 m2

Ast Wa



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