

Technical sheet :

# M-X 70-2

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Technical characteristics		Metric	
1.1	Manufacturer		Manitou
1.2	Model Name		M-X 70-2
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	7000 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	803 mm
1.9	Wheelbase	y	2.49 m
Weight			
2.1	Service weight		9880 kg
2.2	Weight on front axle (laden) / rear axle (laden)		14954 kg / 1926 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		4040 kg / 5840 kg
Wheels			
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		18R185 8T N20XF
3.3	Dimensions of rear wheels		265/70R19,5 6T P30 HT3
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	1700 mm
3.7	Rear wheel gauge	b11	1545 m
Dimensions			
4.7	Height of overhead guard (cabin)	h6	2475 mm
4.8	Seat height/stand height	h7	1485 mm
4.19	Overall length	l1	5700 mm
4.20	Length to face of forks	l2	4200 mm
4.21	Overall width	b1	2155 mm
4.22	Forks section x width x length	s / e / l	70 mm x 150 mm / 1200 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		4A
4.24	Fork carriage width	b3	1750 mm
4.31	Ground clearance below mast	m1	300 mm
4.32	Ground clearance at centre of wheelbase	m2	410 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	6703 mm
4.35	Turning radius	Wa	4200 mm
Performances			
5.1	Travel speed (laden)		24 km/h
5.2.1	Lifting speed (unladen)		0.40 m/s
5.3.1	Lowering speed (unladen)		0.40 m/s
5.5	Drawbar pull (Laden)		7960 daN
5.10	Service brake		Hydraulic servo brake
Engine			
7.1	Engine brand / model / norm		Perkins / 1104D-44T NL38894 / Stage IIIA
7.2	Engine power (Hp / kW)		95 Hp/70 kW

### 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	° 15	° 15	° 15
β - Mast/fork carriage tilt, backward	° 15	° 15	° 15
h1 - Mast lowered height	mm 3145	mm 3145	mm 3595
h4 - Mast extended height	mm 4960	mm 4960	mm 5860
Residual capacity at max height	kg 7000	kg 7000	kg 6500
Residual capacity with integrated side shift at max height	kg 6300		
Height at max capacity	mm 2500	mm 2500	mm 2500



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