

Technical sheet :

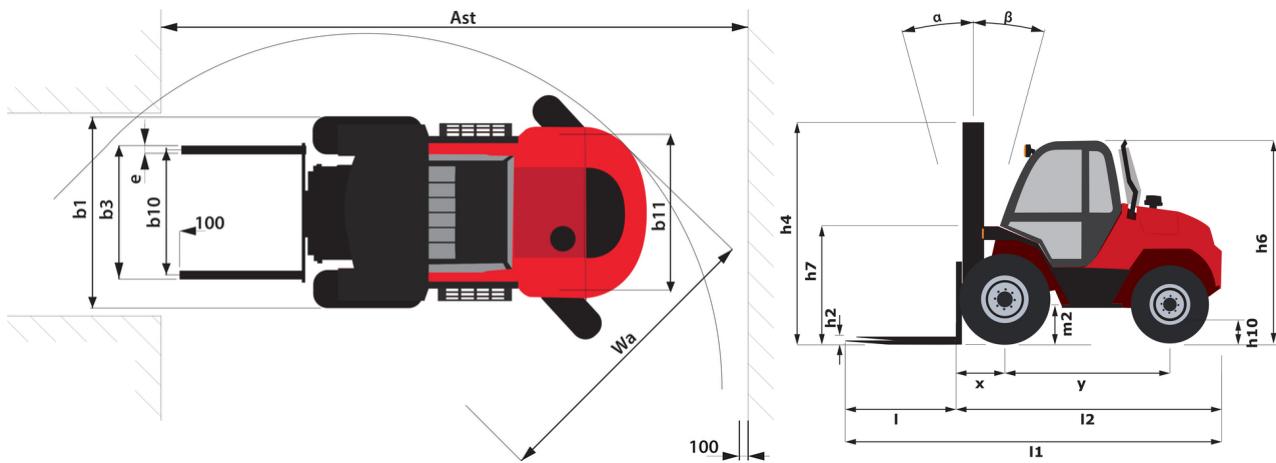
M-X 70-2



 **MANITOU**
HANDLING YOUR WORLD

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		9880 kg	
2.1	Service weight		14954 kg / 1926 kg
2.2	Weight on front axle (laden) / rear axle (laden)		4040 kg / 5840 kg
Wheels		Pneumatic	
3.1	Tires type		18R18.5 8T N20XF
3.2	Dimensions of front wheels		265/70R19.5 6T P30 HT3
3.3	Dimensions of rear wheels		2 / 2
3.5	Number of front wheels / rear wheels		2
3.5.2	Number of drive wheels	b10	1700 mm
3.6	Front wheel gauge	b11	1545 m
3.7	Rear wheel gauge		
Dimensions		2475 mm	
4.7	Height of overhead guard (cabin)	h6	1485 mm
4.8	Seat height/stand height	h7	5700 mm
4.19	Overall length	I1	4200 mm
4.20	Length to face of forks	I2	2155 mm
4.21	Overall width	b1	70 mm x 150 mm / 1200 mm
4.22	Forks section x width x length	s / e / l	4A
4.23	Fork carriage ISO 2328 (class/form) A/B		1750 mm
4.24	Fork carriage width	b3	300 mm
4.31	Ground clearance below mast	m1	410 mm
4.32	Ground clearance at centre of wheelbase	m2	6703 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4200 mm
4.35	Turning radius	Wa	
Performances		24 km/h	
5.1	Travel speed (laden)		0.40 m/s
5.2.1	Lifting speed (unladen)		0.40 m/s
5.3.1	Lowering speed (unladen)		7960 daN
5.5	Drawbar pull (Laden)		Hydraulic servo brake
5.10	Service brake		
Engine		Perkins / 1104D-44T NL38894 / Stage IIIA	
7.1	Engine brand / model / norm		95 Hp/70 kW
7.2	Engine power (Hp / 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
β - Mast/fork carriage tilt, backward	°	15	15
h1 - Mast lowered height	mm	3145	3145
h4 - Mast extended height	mm	4960	4960
Residual capacity at max height	kg	7000	7000
Residual capacity with integrated side shift at max height	kg	6300	
Height at max capacity	mm	2500	2500



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