Technical sheet :





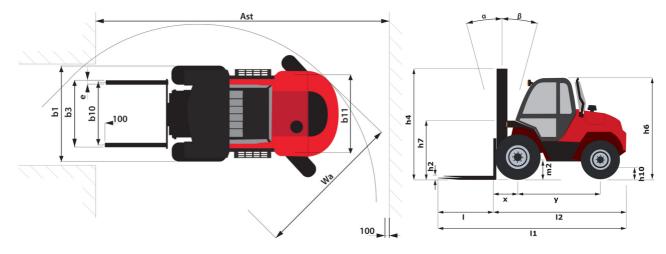


Technical characteristics     1.1   Manufacturer     1.2   Model Name     1.3   Power source     1.4   Operator type     1.5   Max: capacity     1.6   Load center of gravity     1.8   Load distance, centre of dive axle to fork     1.9   Wheelbase     2.1   Service weight     2.2   Weight on front axle (laden) / rear axle (laden)     2.3   Weight on front axle (laden) / rear axle (luniden)     Vheels   Immensions of front wheels     3.1   Tires type     Jumensions of front wheels   Immensions of front wheels     3.2   Dimensions of front wheels     3.3   Dimensions of front wheels     3.4   Dimensions of rear wheels     3.5.2   Number of front wheels     3.5.2   Number of tron wheels     3.5.2   Number of tron wheels     3.6   Front wheel gauge     Jumensions   Jumensions     4.7   Height of owehead guard (cabin)     4.8   Seat height// Stand height     4.19   Overall width     4.20																																																																																																											
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fork</td></tr> <tr><td>2.1 Service weight   2.2 Weight on front axle (laden) / rear axle (laden)   2.3 Weight on front axle (laden) / rear axle (luladen)   Weels Weels   3.1 Tires type   3.2 Dimensions of front wheels   3.3 Dimensions of front wheels   3.4 Tires type   3.5 Number of frint wheels / rear wheels   3.5.2 Number of frint wheels / rear wheels   3.6 Front wheel gauge   3.7 Rear wheel gauge   0 Dimensions   4.7 Height of overhead guard (cabin)   4.8 Seat height/stand height   0 Verall length   4.20 Length to face of forks   4.21 Overall width   4.22 Fork section x width x length   4.23 Fork caraiage ISO 2328 (class/form) A/B   4.24 Fork caraiage width   4.31 Ground clearance below mast   4.32 Ground clearance at centre of wheelbase   4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   Performances   5.1 Travel speed (unladen)   5.2.1 Lifting speed (unladen)   5.2 Drawbar pull (Laden)   5.10</td><td>1.9</td><td>Wheelbase</td></tr> <tr><td>2.2 Weight on front axle (laden) / rear axle (laden)   2.3 Weight on front axle (Unladen) / rear axle (Unladen)   3.1 Tires type   3.2 Dimensions of front wheels   3.3 Dimensions of rear wheels   3.5 Number of front wheels / rear wheels   3.6 Front wheel gauge   3.7 Rear wheel gauge   3.7 Rear wheel gauge   3.7 Rear wheel gauge   3.7 Height of overhead guard (cabin)   4.8 Seat height/stand height   4.9 Overall length   4.20 Length to face of forks   4.21 Overall width   4.22 Forks section x width x length   4.23 Fork carriage ISO 2228 (class/form) A/B   4.24 Fork carriage width   4.31 Ground clearance below mast   4.32 Ground clearance below mast   4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   Performances   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.5 Drawbar pull (Laden)   5.6 Drawbar pull (Laden)   5.7 Drawbar pull (Laden)   5.8 Drawbar pull (Laden)   <t< td=""><td></td><td>Weight</td></t<></td></tr> <tr><td>2.3   Weight on front axle (Unladen) / rear 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of front wheels     3.3   Dimensions of front wheels     3.5   Number of front wheels / rear wheels     3.5.2   Number of front wheels / rear wheels     3.5.4   Number of front wheels / rear wheels     3.5.7   Number of front wheels / rear wheels     3.6   Front wheel gauge     3.7   Rear wheel gauge     Dimensions   Dimensions     4.7   Height of overhead guard (cabin)     4.8   Seat height/stand height     4.9   Overall length     4.20   Length to face of forks     4.21   Overall width     4.22   Fork section x width x length     4.23   Fork cariage idth     4.34   Ground clearance at centre of wheelbase     4.34   Aisle width for 800 x 1200 pallet lengthways     4.35   Turning radius     Performances   Sont cleanee     5.1   Travel</td><td>2.2</td><td>Weight on front axle (laden) / rear axle (laden)</td></tr> <tr><td>3.1Tires type3.2Dimensions of front wheels3.3Dimensions of rear wheels3.5Number of front wheels / rear wheels3.5.1Number of drive wheels3.6Front wheel gauge3.7Rear 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   5.3.1   Lowering speed (unladen)     5.5   Drawbar pull (Laden)     5.10   Service brake     Engine     7.1   Engine brand / model / norm</td><td>4.21</td><td>Overall width</td></tr> <tr><td>4.24 Fork carriage width   4.31 Ground clearance below mast   4.32 Ground clearance at centre of wheelbase   4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   Performances   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.22</td><td>Forks section x width x length</td></tr> <tr><td>4.31 Ground clearance below mast   4.32 Ground clearance at centre of wheelbase   4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   Performances   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.23</td><td>Fork carriage ISO 2328 (class/form) A/B</td></tr> <tr><td>4.32 Ground clearance at centre of wheelbase   4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   9erformances 1000   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.24</td><td>Fork carriage width</td></tr> <tr><td>4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   Performances Performances   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.31</td><td>Ground clearance below mast</td></tr> <tr><td>4.35 Turning radius   Performances   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.32</td><td>Ground clearance at centre of wheelbase</td></tr> <tr><td>Performances   5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.34</td><td>Aisle width for 800 x 1200 pallet lengthways</td></tr> <tr><td>5.1 Travel speed (laden)   5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>4.35</td><td>Turning radius</td></tr> <tr><td>5.2.1 Lifting speed (unladen)   5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td></td><td>Performances</td></tr> <tr><td>5.3.1 Lowering speed (unladen)   5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>5.1</td><td>Travel speed (laden)</td></tr> <tr><td>5.5 Drawbar pull (Laden)   5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>5.2.1</td><td>Lifting speed (unladen)</td></tr> <tr><td>5.10 Service brake   Engine   7.1 Engine brand / model / norm</td><td>5.3.1</td><td>Lowering speed (unladen)</td></tr> <tr><td>Engine       7.1     Engine brand / model / norm</td><td>5.5</td><td>Drawbar pull (Laden)</td></tr> <tr><td>7.1 Engine brand / model / norm</td><td>5.10</td><td>Service brake</td></tr> <tr><td>J · · · · · · · · · · · · · · · · · · ·</td><td></td><td>Engine</td></tr> <tr><td>7.2 I.C. Engine power rating</td><td>7.1</td><td>Engine brand / model / norm</td></tr> <tr><td></td><td>7.2</td><td>I.C. Engine power rating</td></tr>	1.8	Load distance, centre of drive axle to fork	2.1 Service weight   2.2 Weight on front axle (laden) / rear axle (laden)   2.3 Weight on front axle (laden) / rear axle (luladen)   Weels Weels   3.1 Tires type   3.2 Dimensions of front wheels   3.3 Dimensions of front wheels   3.4 Tires type   3.5 Number of frint wheels / rear wheels   3.5.2 Number of frint wheels / rear wheels   3.6 Front wheel gauge   3.7 Rear wheel gauge   0 Dimensions   4.7 Height of overhead guard (cabin)   4.8 Seat height/stand height   0 Verall length   4.20 Length to face of forks   4.21 Overall width   4.22 Fork section x width x length   4.23 Fork caraiage ISO 2328 (class/form) A/B   4.24 Fork caraiage width   4.31 Ground clearance below mast   4.32 Ground clearance at centre of wheelbase   4.34 Aisle width for 800 x 1200 pallet lengthways   4.35 Turning radius   Performances   5.1 Travel speed (unladen)   5.2.1 Lifting speed (unladen)   5.2 Drawbar pull (Laden)   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7.2 I.C. Engine power rating	7.1	Engine brand / model / norm																																																																																																									
	7.2	I.C. Engine power rating																																																																																																									

1-X 70-2	Created of August 17, 2025 at 11.41 PM UTC				
	Metric				
	Manitou				
	M-X 70-2				
	Diesel				
	Seated				
Q	7000 kg				
С	600 mm				
х	803 mm				
у	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				
b10	1700 mm				
b11	1545 m				
h6	2475 mm				
h7	1485 mm				
11	5700 mm				
12	4200 mm				
b1	2155 mm				
s / e / l	70 mm x 150 mm / 1200 mm				
L 0	4A				
b3	1750 mm				
m1 m2	300 mm 410 mm				
Ast Wa	6703 mm 4200 mm				
wa	4200 11111				
	24 km/h				
	0.40 m/s				
	0.40 m/s				
	7960 daN				
	Hydraulic servo brake				
	Perkins / 1104D-44T NL38894 / Stage IIIA				
	TORNIS / TTOTO TTT NEODOT / Staye IIA				

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
$\beta$ - 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

## *м-х то-2* Created on August 17, 2025 at 11:41 PM UTC



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