Technical sheet :







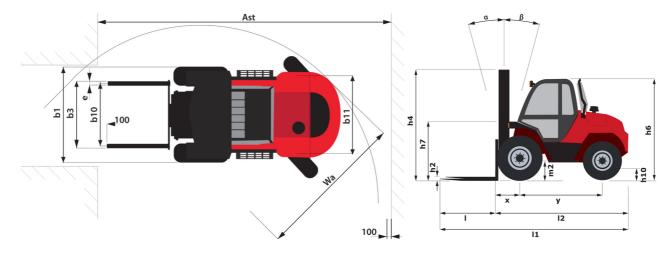
Technical characteristics1.1Manufacturer1.2Model Name1.3Power source1.4Operator type1.5Max. capacity1.6Load center of gravity1.8Load center of gravity1.8Load center of gravity1.9WheelbaseVielphtVielphase2.1Service weight2.2Weight on front axle (laden) / rear axle (laden)2.3Weight on front axle (laden) / rear axle (luniden)2.4Dimensions of front wheels3.5Number of front wheels3.6Front wheels3.7Rear wheel gauge3.6Front wheel gauge3.7Rear wheel gauge4.7Height of ownead gauraf (cabin)4.8Seat height/stand height4.9Overall length4.22Fork carriage ISO 2228 (class/form) A/B4.23Fork carriage ISO 2228 (class/form) A/B4.24Aisle width for 800 x 1200 pallet lengthways4.35Turning raduis4.36Kale width for 800 x 1200 pallet lengthways4.37Tavel speed (uniden)5.3Turning raduis5.4Turning raduis5.5Dirmasions5.6Tavel speed (uniden)5.7Tavel speed (uniden)5.8Dirmasions5.9Dirmasions5.1Tavel speed (uniden)5.3Turning raduis5.4Dirmasions of parke5.5Dirmasions of parke <th></th> <th>Textual elements inter-</th>		Textual elements inter-
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1.9   Wheelbase     Weight     2.1   Service weight     2.2   Weight on front axle (laden) / rear axle (laden)     2.3   Weight on front axle (laden) / rear axle (unladen)     2.3   Weight on front axle (Unladen) / rear axle (Unladen)     3.4   Tires type     3.2   Dimensions of front wheels     3.3   Dimensions of rear wheels     3.4   Number of front wheels / rear wheels     3.5   Number of front wheels / rear wheels     3.6   Front wheel gauge     3.7   Rear wheel gauge     3.6   Front wheel gauge     3.7   Rear wheel gauge     3.8   Seath 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 carriage lSO 2282 (class/form) A/B     4.24   Fork carriage width     4.31   Ground clearance below mast     4.32   Ground clearance acture 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)		
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3.7     Rear wheel gauge       Dimensions       4.7     Height of overhead guard (cabin)       4.8     Seat height/stand height       4.19     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 2328 (class/form) A/B       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)       5.3     Drawbar pull (Laden)	3.5.2	Number of drive wheels
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4.8   Seat height/stand height     4.19   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 2328 (class/form) A/B     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)		Dimensions
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4.23   Fork carriage ISO 2328 (class/form) A/B     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)	4.8 4.19	Height of overhead guard (cabin) Seat height/stand height Overall length
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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)	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
4.35   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)	4.8 4.19 4.20 4.21 4.22 4.23 4.24	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
Performances         5.1       Travel speed (laden)         5.2.1       Lifting speed (unladen)         5.3.1       Lowering speed (unladen)         5.5       Drawbar pull (Laden)	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
5.1   Travel speed (laden)     5.2.1   Lifting speed (unladen)     5.3.1   Lowering speed (unladen)     5.5   Drawbar pull (Laden)	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
5.2.1   Lifting speed (unladen)     5.3.1   Lowering speed (unladen)     5.5   Drawbar pull (Laden)	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
5.3.1   Lowering speed (unladen)     5.5   Drawbar pull (Laden)	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
5.3.1   Lowering speed (unladen)     5.5   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	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
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	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	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)
Engine	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       Turning radius       Performances       Travel speed (laden)       Lifting speed (unladen)       Duewing 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 5.2.1 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       Turning radius       Performances       Travel speed (laden)       Lifting speed (unladen)       Duewing 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 5.10	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)       Service brake       Engine
7.2 I.C. Engine power rating	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 5.10 7.1	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       Turning radius       Performances       Travel speed (laden)       Lifting speed (unladen)       Derwing speed (unladen)       Drawbar pull (Laden)       Service brake

	-
	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
l2 b1	4200 mm 2155 mm
	70 mm x 150 mm / 1200 mm
:/e/l	4A
b3	4A 1750 mm
m1	300 mm
m2	410 mm
Ast	6703 mm
Wa	4200 mm
wa	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	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 June 18, 2025 at 4:42 PM UTC

b10 b11 h6 h7 11 12 b1 s / e / b3 m1 m2 Ast Wa



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