Technical sheet :



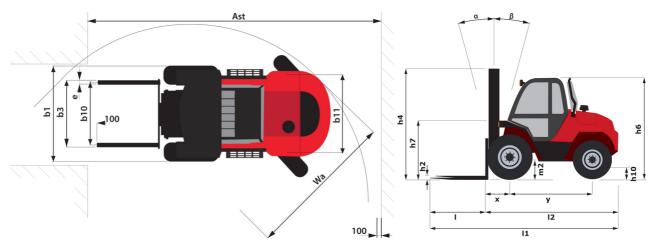




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
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
	Dimensions
4.7	Height of overhead guard (cabin)
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
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
4.35	Turning radius
	Performances
5.1	Travel speed (laden)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.5	Drawbar pull (Laden / Unladen)
5.10	Service brake
	Engine
7.1	Engine brand / model / norm
7.2	I.C. Engine power rating
7.3	Rated speed
	Miscellaneous
8.1	Type of drive control

Metric       Manitou       MAX 50-2       Diesel       Seated       Q       Seated       Q       Soloo kg       c       600 mm       x       772 mm       y       2120 mm       r480 kg       10895 kg / 1930 kg       2645 kg / 5180 kg       Pneumatic       10R17,5 134/132M G291       2 / 2       2       b10       16       2420 mm       11       4955 mm       12       3755 mm       b10
M-X 50-2       Diesel       Seated       Q     5000 kg       c     600 mm       x     772 mm       y     2120 mm       y     2120 mm       Passer     7480 kg       10895 kg / 1930 kg     2645 kg / 5180 kg       Pneumatic     10817,5 134/132M G291       2 / 2     2       b10     1620 mm       h6     2420 mm       11     4955 mm       12     3755 mm
Image: Diesel       Q     Seated       Q     5000 kg       c     600 mm       x     772 mm       y     2120 mm       y     2645 kg / 1930 kg       y     210 mm       y     210 mm       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2       y     2 / 2
Seated       Q     Souto kg       Q     600 mm       x     772 mm       y     2120 mm       y     20645 kg / 1930 kg       y     10817,5 134/132M G291       y     2/2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     2       y     3
Q     5000 kg       c     600 mm       x     772 mm       y     2120 mm       y     2645 kg / 1930 kg       y     2000 kg       y     2100 kg       y     210 kg       y     210 kg       y     210 kg       y<
c     600 mm       x     772 mm       y     2120 mm       y     2120 mm       7480 kg     7480 kg       10895 kg / 1930 kg     2645 kg / 5180 kg       2645 kg / 5180 kg     9000000000000000000000000000000000000
x     772 mm       y     2120 mm       y     2120 mm       7480 kg     7480 kg       10895 kg / 1930 kg     2645 kg / 5180 kg       2645 kg / 5180 kg     9000000000000000000000000000000000000
y 2120 mm 7480 kg 7480 kg 10895 kg / 1930 kg 2645 kg / 5180 kg Pneumatic Pneumatic 10R17,5 134/132M G291 2 / 2 2 b10 1620 mm 6 2420 mm 11 4955 mm 12 3755 mm
7480 kg   7480 kg   10895 kg / 1930 kg   2645 kg / 5180 kg   Pneumatic   10R17,5 134/132M G291   2 / 2   2   b10   1620 mm   11   4955 mm   12
10895 kg / 1930 kg   2645 kg / 5180 kg   Pneumatic   10R17,5 134/132M G291   2 / 2   2   2   b10   1620 mm   11   4955 mm   12
10895 kg / 1930 kg   2645 kg / 5180 kg   Pneumatic   10R17,5 134/132M G291   2 / 2   2   2   b10   1620 mm   11   4955 mm   12
2645 kg / 5180 kg       Pneumatic       10R17,5 134/132M G291       2 / 2       2       b10       1620 mm       11       4955 mm       12
Pneumatic       10R17,5 134/132M G291       2 / 2       2       b10       1620 mm       11       4955 mm       12
10R17,5 134/132M G291       2 / 2       2       b10       1620 mm       0       11       4955 mm       12
10R17,5 134/132M G291       2 / 2       2       b10       1620 mm       0       11       4955 mm       12
2 / 2 2 b10 1620 mm 66 2420 mm 11 4955 mm 12 3755 mm
2 b10 1620 mm 
b10     1620 mm       I     I       h6     2420 mm       I1     4955 mm       I2     3755 mm
h6     2420 mm       11     4955 mm       12     3755 mm
l1 4955 mm l2 3755 mm
l1 4955 mm l2 3755 mm
l2 3755 mm
b1 2060 mm
4A
b3 1670 mm
m1 265 mm
m2 365 mm
Wa 3395 mm
22.80 km/h
0.40 m/s / 0.40 m/s
0.50 m/s / 0.40 m/s
5685 daN / 3665 daN
Hydraulic
Perkins / 1104D-44T NL38894 / Stage IIIA
70 Hp
-
70 Hp

## M-X 50-2 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50	
α - Mast/fork carriage tilt, forward °		15	15	15	15	15	15	15
$\beta$ - Mast/fork carriage tilt, backward	٥	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2475	2625	2725	2825	2975	3225	3475
h4 - Mast extended height	mm	4025	4325	4525	4725	5025	5525	6025
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	٥	15	15	15	15	15	10	10	10
β - Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2225	2325	2425	2500	2560	2675	2825	3000
h2 - Mast free lift	mm	1265	1365	1465	1540	1600	1715	1865	2040
h4 - Mast extended height	mm	4725	5025	5325	5525	5725	6025	6525	7025
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500



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