Technical sheet :



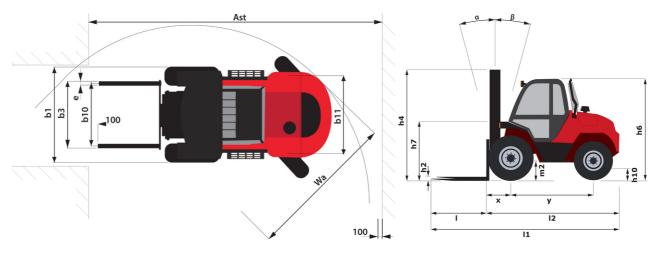




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (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 / unladen)
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

Mettic           Manitou           M-X 30-4           Diesel           Seated           Q           3000 kg           c           500 mm           x           810 mm           y           2100 mm           x           810 mm           y           2100 mm           5320 kg           6550 kg / 1370 kg           2370 kg / 2950 kg           Pneumatic           10,5/80-18 10PR TG42 TL           2 / 2           4           b10         1670 mm           1         4835 mm           12         3635 mm           b1         2105 mm           b1         2105 mm           m1         495 mm           m2         395 mm           wa         4070 mm           m1         495 mm           m2         395 mm           Wa         27 km/h / 27 km/h           0.50 m/s / 0.50 m/s         5685 daN / 3665 daN           Hydraulic         70 Hp           2360 pm         92360 pm	м-х зо-4	created on August 20, 2025 at 10:00 AM UTC						
M-X 30-4         Diesel         Seated         Q       3000 kg         c       500 mm         x       810 mm         y       2100 mm         x       810 mm         y       2100 mm         S320 kg       6550 kg / 1370 kg         2370 kg / 2950 kg       2370 kg / 2950 kg         Pheumatic       10,5/80-18 10PR TG42 TL         2 / 2       4         b10       1670 mm         h6       2540 mm         11       4835 mm         b10       1670 mm         h1       4835 mm         b1       2105 mm         a       3A         b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         m1       495 mm         m2       395 mm         Wa       27 km/h / 27 km/h         0.50 m/s / 0.60 m/s       0.50 m/s         0.50 m/s / 0.50 m/s       5685 daN / 3665 daN         Hydraulic       Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp       2360 rpm		Metric						
Diesel           Q         3000 kg           c         500 mm           x         810 mm           y         2100 mm           y         2100 mm           S320 kg         6550 kg / 1370 kg           2370 kg / 2950 kg         9           Pneumatic         10,5/80-18 10PR TG42 TL           2 / 2         4           b10         1670 mm           h6         2540 mm           11         4835 mm           12         3635 mm           b10         1670 mm           m1         4435 mm           b1         2105 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           m1         495 mm           m2         395 mm           Wa         27 km/h / 27 km/h           0.50 m/s / 0.60 m/s         0.50 m/s           0.50 m/s / 0.50 m/s         5685 daN / 3665 daN           Hydraulic         4           Perkins / 1104D-44T NL38894 / Stage IIIA           70 Hp         2360 rpm		Manitou						
Seated           Q         3000 kg           c         500 mm           x         810 mm           y         2100 mm           y         2100 mm           S320 kg         6550 kg / 1370 kg           2370 kg / 2950 kg         2370 kg / 2950 kg           Pneumatic         10,5/80-18 10PR TG42 TL           2 / 2         4           b10         1670 mm           h6         2540 mm           11         4835 mm           12         3635 mm           b10         1670 mm           m1         4835 mm           12         3635 mm           b1         2105 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           m1         495 mm           27 km/h / 27 km/h         0.50 m/s           0.50 m/s / 0.60 m/s         0.50 m/s           0.50 m/s / 0.60 m/s         5685 daN / 3665 daN           Wa         4070 mm           4         70 Hp           2360 rpm         Perkins / 1104D-44T NL38894 / Stage IIIA		M-X 30-4						
Q         3000 kg           c         500 mm           x         810 mm           y         2100 mm           S320 kg         6550 kg / 1370 kg           2370 kg / 2950 kg         2370 kg / 2950 kg           Pneumatic         10,5/80-18 10PR TG42 TL           2 / 2         4           b10         1670 mm           b10         1670 mm           b10         1670 mm           m         34           b10         3635 mm           b11         2105 mm           b12         3635 mm           b13         2105 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           m1         495 mm           m2         395 mm           Wa         27 km/h / 27 km/h           0.50 m/s / 0.60 m/s         0.50 m/s           0.50 m/s / 0.50 m/s         5685 daN           3655 daN         3655 daN           Hydraulic         Hydraulic           Perkins / 1104D-44T NL38894 / Stage IIIA           70 Hp         2360 mm		Diesel						
c         500 mm           x         810 mm           y         2100 mm           5320 kg         6550 kg / 1370 kg           2370 kg / 2950 kg         2370 kg / 2950 kg           Pneumatic         10,5/80-18 10PR TG42 TL           2 / 2         4           b10         1670 mm           h6         2540 mm           11         4835 mm           12         3635 mm           b1         2105 mm           m1         3A           b3         1470 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           Main         27 km/h / 27 km/h           0.50 m/s / 0.60 m/s         0.50 m/s           0.50 m/s / 0.60 m/s         5685 daN / 3665 daN           Hydraulic         Hydraulic           Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp           2360 rpm         2360 rpm		Seated						
x       810 mm         y       2100 mm         5320 kg       6550 kg / 1370 kg         6550 kg / 1370 kg       2370 kg / 2950 kg         2370 kg / 2950 kg       2370 kg / 2950 kg         Pneumatic       10,5/80-18 10PR TG42 TL         2 / 2       4         b10       1670 mm         h6       2540 mm         11       4835 mm         b1       2105 mm         b2       343         b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h       0.50 m/s / 0.50 m/s         5685 daN / 3665 daN       149draulic         Perkins / 1104D-44T NL38894 / Stage IIIA       70 Hp         2360 rpm       2360 rpm	Q	3000 kg						
y         2100 mm           5320 kg         6550 kg / 1370 kg           6550 kg / 2950 kg         2370 kg / 2950 kg           Pneumatic         10,5/80-18 10PR TG42 TL           2 / 2         4           b10         1670 mm           h6         2540 mm           11         4835 mm           b10         1670 mm           b11         2105 mm           b12         3635 mm           b13         2105 mm           b14         2105 mm           b13         2105 mm           b14         2105 mm           b2         3635 mm           b1         2105 mm           b2         395 mm           wa         4070 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           Ma         4070 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           Ma         0.50 m/s / 0.50 m/s           S685 daN / 3665 daN         3665 daN           Hydraulic         70 Hp           Perkins / 1104D-44T NL38894 / Stage IIIA	С	500 mm						
5320 kg         6550 kg / 1370 kg         2370 kg / 2950 kg         Pneumatic         10,5/80-18 10PR TG42 TL         2 / 2         4         b10         1670 mm         11         4835 mm         12         3635 mm         b1         2105 mm         12         3635 mm         b1         2105 mm         12         3635 mm         b1         2105 mm         12         3635 mm         13         4470 mm         1470 mm         134         1470 mm         34         35         1470 mm         10         34         1470 mm         10         34         35         1470 mm         12         395 mm         20         21 km/h / 27 km/h         0.50 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         104         4070 mm	х	810 mm						
6550 kg / 1370 kg         2370 kg / 2950 kg         Pneumatic         10,5/80-18 10PR TG42 TL         2 / 2         4         b10         1670 mm         11         4835 mm         12         3635 mm         b1         2105 mm         34         503         1470 mm         m1         495 mm         m2         395 mm         Wa         4070 mm         27 km/h / 27 km/h         0.50 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         2105 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         2105 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         2105 m/s / 0.50 m/s         5685 daN / 3665 daN	у	2100 mm						
6550 kg / 1370 kg         2370 kg / 2950 kg         Pneumatic         10,5/80-18 10PR TG42 TL         2 / 2         4         b10         1670 mm         11         4835 mm         12         3635 mm         b1         2105 mm         34         503         1470 mm         m1         495 mm         m2         395 mm         Wa         4070 mm         27 km/h / 27 km/h         0.50 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         2105 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         2105 m/s / 0.50 m/s         5685 daN / 3665 daN         4070 mm         2105 m/s / 0.50 m/s         5685 daN / 3665 daN								
2370 kg / 2950 kg         Pneumatic         10,5/80-18 10PR TG42 TL         2 / 2         4         b10         1670 mm         11         4835 mm         12         3635 mm         b1         2105 mm         11         4835 mm         12         3635 mm         b1         2105 mm         3A         b3         1470 mm         m1         495 mm         m2         395 mm         Wa         27 km/h / 27 km/h         0.50 m/s / 0.60 m/s         0.50 m/s / 0.60 m/s         5685 daN / 3665 daN         Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp         2360 rpm		5320 kg						
Pneumatic           10,5/80-18 10PR TG42 TL           2 / 2           4           b10           1670 mm		6550 kg / 1370 kg						
10,5/80-18 10PR TG42 TL           2 / 2           4           b10           1670 mm           11           4835 mm           12           3635 mm           b1           2105 mm           m1           495 mm           m2           395 mm           Wa           27 km/h / 27 km/h           0.50 m/s / 0.60 m/s           0.50 m/s / 0.50 m/s           5685 daN / 3665 daN           Hydraulic           Perkins / 1104D-44T NL38894 / Stage IIIA           70 Hp           2360 rpm		2370 kg / 2950 kg						
10,5/80-18 10PR TG42 TL           2 / 2           4           b10           1670 mm           11           4835 mm           12           3635 mm           b1           2105 mm           m1           495 mm           m2           395 mm           Wa           27 km/h / 27 km/h           0.50 m/s / 0.60 m/s           0.50 m/s / 0.50 m/s           5685 daN / 3665 daN           Hydraulic           Perkins / 1104D-44T NL38894 / Stage IIIA           70 Hp           2360 rpm								
2 / 2         4         b10       1670 mm         h6       2540 mm         11       4835 mm         12       3635 mm         b1       2105 mm         b1       2105 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         2       395 mm         Wa       5685 daN / 27 km/h         0.50 m/s / 0.60 m/s       0.50 m/s         0.50 m/s / 0.50 m/s       5685 daN         Hydraulic       Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp       2360 rpm		Pneumatic						
4       b10     1670 mm       h6     2540 mm       11     4835 mm       12     3635 mm       b1     2105 mm       b1     2105 mm       b3     1470 mm       m1     495 mm       m2     395 mm       Wa     4070 mm       27 km/h / 27 km/h       0.50 m/s / 0.60 m/s       27 km/h / 27 km/h       0.50 m/s / 0.50 m/s       Perkins / 104D-44T NL38894 / Stage IIIA       70 Hp       2360 rpm		10,5/80-18 10PR TG42 TL						
b10       1670 mm         h6       2540 mm         11       4835 mm         12       3635 mm         b1       2105 mm         b1       2105 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h       0.50 m/s         0.50 m/s / 0.60 m/s       0.50 m/s         0.50 m/s / 0.50 m/s       5685 daN / 3665 daN         Hydraulic       Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp       2360 rpm		2/2						
h6         2540 mm           11         4835 mm           12         3635 mm           b1         2105 mm           2105 mm         3A           b3         1470 mm           m1         495 mm           m2         395 mm           Wa         4070 mm           Description:           Description:           Description:           Description:           Main and the second seco		4						
11       4835 mm         12       3635 mm         b1       2105 mm         3A       3A         b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h         0.50 m/s / 0.60 m/s         5685 daN / 3665 daN         Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp         2360 rpm	b10	1670 mm						
11       4835 mm         12       3635 mm         b1       2105 mm         3A       3A         b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h         0.50 m/s / 0.60 m/s         5685 daN / 3665 daN         Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp         2360 rpm								
12       3635 mm         b1       2105 mm         3A       3A         b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h         0.50 m/s / 0.50 m/s         0.50 m/s / 0.50 m/s         5685 daN / 3665 daN         Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp         2360 rpm	h6	2540 mm						
b1     2105 mm       b1     2105 mm       3A     3A       b3     1470 mm       m1     495 mm       m2     395 mm       Wa     4070 mm       27 km/h / 27 km/h       0.50 m/s / 0.50 m/s       0.50 m/s / 0.50 m/s       5685 daN       Hydraulic       Perkins / 1104D-44T NL38894 / Stage IIIA       70 Hp       2360 rpm	1	4835 mm						
3A         b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h         0.50 m/s / 0.50 m/s         0.50 m/s / 0.50 m/s         5685 daN / 3665 daN         Hydraulic         Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp         2360 rpm	12	3635 mm						
b3       1470 mm         m1       495 mm         m2       395 mm         Wa       4070 mm         U       27 km/h / 27 km/h         0.50 m/s / 0.50 m/s       0.50 m/s         0.50 m/s / 0.50 m/s       5685 daN         Hydraulic       9         Perkins / 1104D-44T NL38894 / Stage IIIA       70 Hp         2360 rpm       2360 rpm	b1	2105 mm						
m1       495 mm         m2       395 mm         Wa       4070 mm         27 km/h / 27 km/h       2000 m/s         0.50 m/s / 0.50 m/s       0.50 m/s         0.50 m/s / 0.50 m/s       5685 daN         9       5685 daN / 3665 daN         9       Hydraulic         9       Perkins / 1104D-44T NL38894 / Stage IIIA         70 Hp       2360 rpm		3A						
m2 395 mm Wa 4070 mm 27 km/h / 27 km/h 0.50 m/s / 0.60 m/s 0.50 m/s / 0.50 m/s 5685 daN / 3665 daN Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm	b3	1470 mm						
Wa         4070 mm           27 km/h / 27 km/h           0.50 m/s / 0.60 m/s           0.50 m/s / 0.50 m/s           5685 daN / 3665 daN           Hydraulic           Perkins / 1104D-44T NL38894 / Stage IIIA           70 Hp           2360 rpm	m1	495 mm						
27 km/h / 27 km/h 0.50 m/s / 0.60 m/s 0.50 m/s / 0.50 m/s 5685 daN / 3665 daN Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm	m2	395 mm						
0.50 m/s / 0.60 m/s 0.50 m/s / 0.50 m/s 5685 daN / 3665 daN Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm	Wa	4070 mm						
0.50 m/s / 0.60 m/s 0.50 m/s / 0.50 m/s 5685 daN / 3665 daN Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm								
0.50 m/s / 0.50 m/s 5685 daN / 3665 daN Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm								
5685 daN / 3665 daN Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm								
Hydraulic Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm								
Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm		5685 daN / 3665 daN						
70 Hp 2360 rpm		Hydraulic						
70 Hp 2360 rpm								
2360 rpm		-						
Hydraulic		2360 rpm						
Hydraulic								
		Hydraulic						

## M-X 30-4 - 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	FVD 55	FVD 60
α - Mast/fork carriage tilt, forward	۰	6	6	6	6	6	6	6	6	6
β - Mast/fork carriage tilt, backward	۰	12	12	12	12	12	12	12	12	12
h1 - Mast lowered height	mm	2375	2525	2625	2785	2975	3225	3475	3725	3975
h2 - Mast free lift	mm	130	130	130	130	130	130	130	130	130
h4 - Mast extended height	mm	4115	4415	4615	4815	5115	5615	6115	6615	7115
Residual capacity at max height	kg								1500	
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500	2500

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 47	FLT 50	FLT 55	FLT 60
a - Mast/fork carriage tilt, forward	۰	6	6	6	6	6	6	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12	12	12	12	12	12	12
h1 - Mast lowered height	mm	2275	2375	2525	2625	2785	2.97	3225
h2 - Mast free lift	mm	1283	1383	1533	1633	1793	1.98	2233
h4 - Mast extended height	mm	4732	5032	5332	5732	6032	6532	7032
Residual capacity at max height	kg	3000	3000	2500	2250	1500		
Residual capacity with integrated side shift at max heigth	kg			2500	1750	1250		
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 55
α - Mast/fork carriage tilt, forward	0	6
$\beta$ - Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	3055
h4 - Mast extended height	mm	6725
Residual capacity at max height	kg	2100
Height at max capacity	mm	2500



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