Technical sheet:

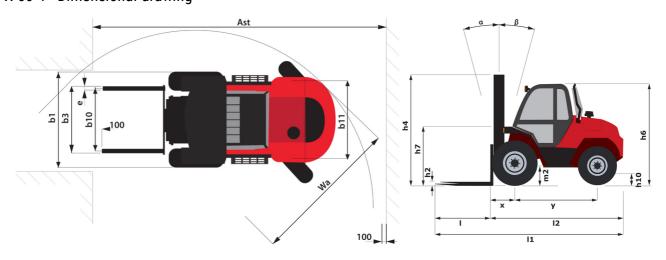
M-X 50-4





1.1 Manufac 1.2 Model Na 1.3 Power so 1.4 Operator 1.5 Max. cap 1.6 Load cen 1.8 Load dist 1.9 Wheelbas Weight 2.1 Service w	me gree gree gree acity ter of gravity ance, centre of drive axle to fork e eight front axle (laden) / rear axle (Unladen)	Q c x y	Metric Manitou M-X 50-4 Diesel Seated 5000 kg 600 mm 762 mm 2120 mm 7660 kg 10800 kg / 1869 kg
1.2 Model Na 1.3 Power so 1.4 Operator 1.5 Max. cap 1.6 Load den 1.8 Load dist 1.9 Wheelbas Weight 2.1 Service w	me gree gree gree acity ter of gravity ance, centre of drive axle to fork e eight front axle (laden) / rear axle (Unladen)	c x	M-X 50-4 Diesel Seated 5000 kg 600 mm 762 mm 2120 mm 7660 kg
1.3 Power so 1.4 Operator 1.5 Max. cap 1.6 Load cen 1.8 Load dist 1.9 Wheelba: Weight 2.1 Service w	urce ype acity ter of gravity ance, centre of drive axle to fork e eight front axle (laden) / rear axle (Unladen)	c x	Diesel Seated 5000 kg 600 mm 762 mm 2120 mm 7660 kg
1.4 Operator 1.5 Max. cap 1.6 Load cen 1.8 Load dist 1.9 Wheelbas Weight 2.1 Service w	ype acity ter of gravity ance, centre of drive axle to fork e eight front axle (laden) / rear axle (Unladen)	c x	Seated 5000 kg 600 mm 762 mm 2120 mm 7660 kg 10800 kg / 1869 kg
1.5 Max. cap 1.6 Load cen 1.8 Load dist 1.9 Wheelba: Weight 2.1 Service w	acity ter of gravity ance, centre of drive axle to fork e eight front axle (laden) / rear axle (Unladen)	c x	5000 kg 600 mm 762 mm 2120 mm 7660 kg 10800 kg / 1869 kg
1.6 Load cen 1.8 Load dist 1.9 Wheelba: Weight 2.1 Service w	ter of gravity ance, centre of drive axle to fork e eight front axle (laden) / rear axle (Unladen)	c x	600 mm 762 mm 2120 mm 7660 kg 10800 kg / 1869 kg
1.8 Load dist 1.9 Wheelba: Weight 2.1 Service w	ance, centre of drive axle to fork e eight front axle (laden) / rear axle (laden) front axle (Unladen) / rear axle (Unladen)	x	762 mm 2120 mm 7660 kg 10800 kg / 1869 kg
1.9 Wheelbas Weight 2.1 Service w	e eight front axle (laden) / rear axle (laden) front axle (Unladen) / rear axle (Unladen)	y y	2120 mm 7660 kg 10800 kg / 1869 kg
2.1 Weight Service w	eight front axle (laden) / rear axle (laden) front axle (Unladen) / rear axle (Unladen)	у	7660 kg 10800 kg / 1869 kg
2.1 Service w	front axle (laden) / rear axle (laden) front axle (Unladen) / rear axle (Unladen)		10800 kg / 1869 kg
	front axle (laden) / rear axle (laden) front axle (Unladen) / rear axle (Unladen)		10800 kg / 1869 kg
2.2 Weight or	front axle (Unladen) / rear axle (Unladen)		· · ·
			2570 kg / 5000 kg
2.3 Weight or			2570 kg / 5090 kg
Wheels			
3.1 Tires type			Pneumatic
	ns of rear wheels		340/80R18 XMCL 143A8
3.5 Number of	f front wheels / rear wheels		2 / 2
3.5.2 Number of	f drive wheels		4
3.6 Front who	el gauge	b10	1620 mm
Dimensio			
4.7 Height of	overhead guard (cabin)	h6	2495 mm
4.19 Overall le		l1	4945 mm
4.20 Length to	face of forks	12	3745 mm
4.21 Overall w	dth	b1	2080 mm
4.22 Forks see	tion x width x length	s / e / l	50 mm x 150 mm / 1200 mm
4.23 Fork carri	age ISO 2328 (class/form) A/B		4A
4.24 Fork carri		b3	1670 mm
4.31 Ground c	earance below mast	m1	265 mm
4.32 Ground c	earance at centre of wheelbase	m2	375 mm
4.35 Turning ra	dius	Wa	4155 mm
Performa	nces		
5.1 Travel sp	eed (laden / unladen)		24 km/h / 23.40 km/h
5.2 Lifting sp	eed (laden / unladen)		0.40 m/s / 0.50 m/s
5.3 Lowering	speed (laden / unladen)		0.40 m/s / 0.40 m/s
5.5 Drawbar	ull (Laden / Unladen)		10360 daN / 6205 daN
5.10 Service b	ake		Hydraulic
Transmis	sion type		Torque converter
Engine			
	and / model / norm		Perkins / 1104D-44T NL38894 / Stage IIIA
3	e power rating		70 Hp
7.3 Rated sp			2360 rpm
Miscella			
	rive control		Hydraulic

M-X 50-4 - 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
α - Mast/fork carriage tilt, forward	۰	15	15	15	15	15	15	15
β - Mast/fork carriage tilt, backward	۰	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2520	2670	2770	2870	3020	3270	3520
h4 - Mast extended height	mm	4070	4370	4570	4770	5070	5570	6070
Residual capacity at max height	kg	5000	5000	5000	5000	5000	4500	4000
Residual capacity with integrated side shift at max heigth	kg	4700	4700	4700	4700	4700	4050	3600
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	۰	15	15	15	15	15	10	10	10
β - Mast/fork carriage tilt, backward	٠	15	15	15	15	15	15	15	15
h1 - Mast lowered height	mm	2270	2370	2470	2545	2605	2720	2870	3045
h2 - Mast free lift	mm	1265	1365	1465	1540	1600	1715	1865	2040
h4 - Mast extended height	mm	4770	5070	5370	5570	5770	6070	6570	7070
Residual capacity at max height	kg	5000	5000	4500	4000	3700	3300	2400	2000
Residual capacity with integrated side shift at max heigth	kg	4700	4500	4050	3600	3330	2970	2160	1800
Height at max capacity	mm	2500	2500	2500	2500	2500	2500	2500	2500





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