Technical sheet :



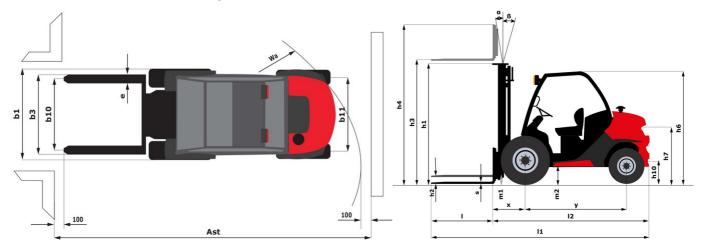




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.2	Dimensions of front wheels
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
3.7	Rear wheel gauge
	Dimensions
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)
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
4.35	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)
5.7	Gradeability (laden / unladen)
5.10	Service brake
	Engine
7.2	Engine power according to ISO 1585
7.1	Engine brand / model
7.2	Engine power according to ISO 1585
7.3	Rated speed
7.4	Number of cylinders / Capacity of cylinders
	Miscellaneous
8.1	Type of drive control
8.2	Working hydraulic pressure for attachments
8.3	Oil flow rate for attachments
8.4	Sound level at the driver's ear according to DIN 12 053

MC-X 18-	a Created on 6 May 2024 at 12:09:02 PM UTC
	Metric
	Manitou
	MC-X_18-4
	Diesel
	Seated
Q	1800 kg
С	500 mm
х	616 mm
у	1900 mm
	3562 kg
	4237 kg / 1125 kg
	1662 kg / 1900 kg
	Pneumatic
	12,5/80-18/12 SL R4
	27x10-12 SKS
	2 / 2
	4
b10	1159 mm
b11	1176 mm
h6 / h6*	2155 mm / 1990 mm
h7	1094 mm
1 2	4100 mm 2950 mm
b1	1450 mm
s/e/l	35 mm x 100 mm / 1150 mm
37071	2A
b3	1260 mm
m1	300 mm
m2	310 mm
Wa	3370 mm
	12 km/h / 24.90 km/h
	0.40 m/s / 0.40 m/s
	0.40 m/s / 0.40 m/s
	1985 daN / 1950 daN
	37 % / 65 %
	Hydraulic brakes by loss of pressure
	27 kW
	Kubota / V1505
	27 kW
	3000 rpm
	4 - 1498 cm³
	Cable
	Cable
	180 bar 37 I/min
	79 dB
	40 67

MC-X 18-4 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 40	FVD 45
Mast/fork carriage tilt, forward	٥	10	10	10	10
Mast/fork carriage tilt, backward	٥	12	12	12	12
h1 - Mast lowered height	mm	2348	2608	2798	3048
h2 - Mast free lift	mm	85	85	85	85
h3 - Mast lifting height	mm	3300	3700	4000	4500
h4 - Mast extended height	mm	4018	4428	4768	5268
Residual capacity at max height	kg	1800			
Height at max capacity	mm	3300	2500	2500	2500

Free Lift Triplex (FLT)		FLT 37	FLT 43	FLT 47	FLT 55
Mast/fork carriage tilt, forward	٥	10	10	10	б
Mast/fork carriage tilt, backward	٥	12	12	12	6
h1 - Mast lowered height	mm	1998	2198	2348	2608
h2 - Mast free lift	mm	1305	1505	1655	1915
h3 - Mast lifting height	mm	3700	4300	4700	5500
h4 - Mast extended height	mm	4453	2198	5453	6253
Height at max capacity	mm	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	۰	10
Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	1888
h2 - Mast free lift	mm	135
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4048
Height at max capacity	mm	2500



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