Technical sheet :







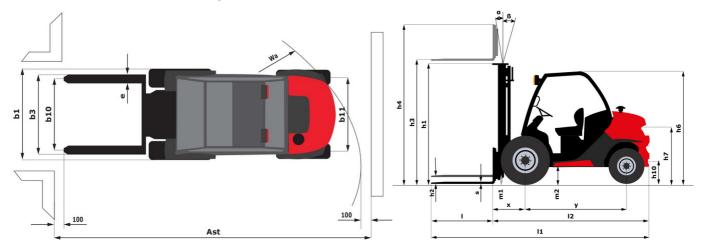
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	с
1.8	Load distance, centre of drive axle to fork	x
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight 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	b1
3.7	Rear wheel gauge	b1
	Dimensions	
4.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	h6 /
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.20	Length to face of forks	2
4.21	Overall width	b1
4.22	Forks section x width x length	s / e
4.23	Fork carriage ISO 2328 (class/form) A/B	0,0
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m
4.32	Ground clearance at centre of wheelbase	mź
4.35	Turning radius	Wa
	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	
5.10	Engine	
7.2	Engine power according to ISO 1585	
7.1	Engine brand / model	
7.1	Engine power according to ISO 1585	
7.2	Rated speed	
7.4	Number of cylinders / Capacity of cylinders	
7.4	Number of cylinders / Capacity of cylinders Miscellaneous	
0.1		
8.1 8.2	Type of drive control	
	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	

Imperial
Manitou
MC-X_18-4
Diesel
Seated
3968 lb
20 in
24 in
75 in
7853 lb
9341 lb / 2480 lb
3664 lb / 4189 lb
Pneumatic
12,5/80-18/12 SL R4
27x10-12 SKS
2/2
4
46 in
46 in
85 in / 78 in
43 in
161 in
116 in
57 in
1 in x 4 in / 45 in
2A
50 in
12 in
12 in
133 in
7 mph / 15 mph
1 ft/s / 1 ft/s
1 ft/s / 1 ft/s
1985 daN / 1950 daN
37 % / 65 %
Hydraulic brakes by loss of pressure
27 kW
Kubota / V1505
27 kW
3000 rpm
4 - 91 in ³
Cable
2611 PSI
10 US gpm 79 dB

мс-х 18-4 Created on April 25, 2024 at 1:26:13 AM UTC

s / e / l b3 m1 m2 Wa

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	in	92.4	102.7	110.2	120
h2 - Mast free lift	in	3.3	3.3	3.3	3.3
h3 - Mast lifting height	in	129.9	145.7	157.5	177.2
h4 - Mast extended height	in	158.2	174.3	187.7	207.4
Residual capacity at max height	lb	3968			
Height at max capacity	in	129.9	98.4	98.4	98.4

Free Lift Triplex (FLT)		FLT 37	FLT 43	FLT 47	FLT 55
Mast/fork carriage tilt, forward	٥	10	10	10	6
Mast/fork carriage tilt, backward	٥	12	12	12	6
h1 - Mast lowered height	in	78.7	86.5	92.4	102.7
h2 - Mast free lift	in	51.4	59.3	65.2	75.4
h3 - Mast lifting height	in	145.7	169.3	185	216.5
h4 - Mast extended height	in	175.3	86.5	214.7	246.2
Height at max capacity	in	98.4	98.4	98.4	98.4

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	٥	10
Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	in	74.3
h2 - Mast free lift	in	5.3
h3 - Mast lifting height	in	129.9
h4 - Mast extended height	in	159.4
Height at max capacity	in	98.4



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