Technical sheet :







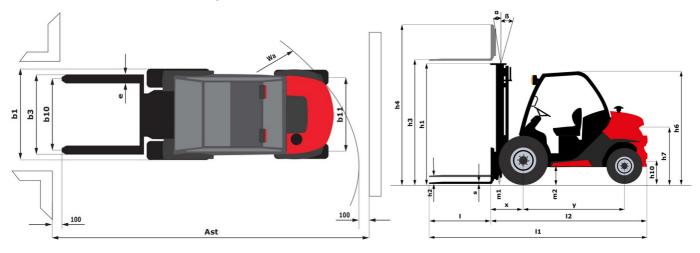
NC-X 25-2	Created on S	September 17,	2025 at 8	3:58 PM	UTC
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	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	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)
5.10	Service brake
	Transmission type
	Engine
7.1	Engine brand / model / norm
7.2	I.C. Engine power rating
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
0.1	

	· ·				
	Metric				
	Manitou				
	MC-X 25-2				
	Diesel				
	Seated				
Q	2500 kg				
с	500 mm				
х	621 mm				
у	1900 mm				
	3875 kg				
	5510 kg / 865 kg				
	1533 kg / 2342 kg				
	Pneumatic				
	12,5/80-18/12 SL R4				
	7.00-12/12 ED PLUS				
	2 / 2				
	2				
b10	1159 mm				
b11	1112 mm				
h6 / h6*	2155 mm / 1990 mm				
h7	1034 mm				
1	4195 mm				
12	3045 mm				
b1	1450 mm				
s/e/l	40 mm x 122 mm / 1150 mm				
	24				
b3	1260 mm				
m1	300 mm				
m2	320 mm				
Wa	2620 mm				
	12 km/h / 24.90 km/h				
	0.47 m/s / 0.46 m/s				
	0.50 m/s / 0.30 m/s				
	Hydraulic brakes by loss of pressure				
	Hydrostatic				
	Kubota / V2403 / Stage IIIA				
	36 kW				
	2700 rpm				
	4 - 2434 cm ³				
	Cable				
	180 bar				
	53 l/min				
	82 dB				
	02 UD				

MC-X 25-2 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	٥	10	10	10
β - Mast/fork carriage tilt, backward	٥	12	12	12
h1 - Mast lowered height	mm	2338	2598	3038
h2 - Mast free lift	mm	112	112	112
h3 - Mast lifting height	mm	3300	3700	4500
h4 - Mast extended height	mm	4090	4490	5290
Height at max capacity	mm	2500	2500	2500

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
a - Mast/fork carriage tilt, forward	۰	10	10	10	10	10	6
β - Mast/fork carriage tilt, backward	٥	12	12	12	12	12	6
h1 - Mast lowered height	mm	1988	2088	2188	2338	2438	2788
h2 - Mast free lift	mm	1210	1310	1410	1510	1660	1920
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	mm	4236	4536	4836	5168	5536	6408
Height at max capacity	mm	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 33
a - Mast/fork carriage tilt, forward	٥	10
β - Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	1878
h2 - Mast free lift	mm	124
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4079
Height at max capacity	mm	2500



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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