Technical sheet:

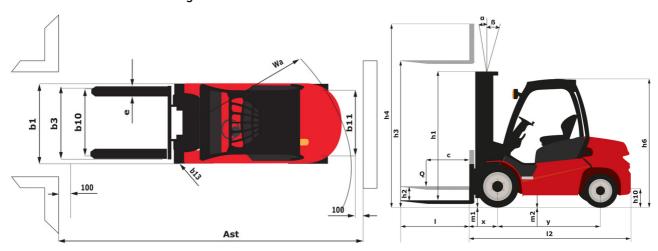
MI-X 15 D





		MI-X 15 D Create	ed on December 21, 2024 at 2:08 AM UT
	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		MI-X 15 D
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	1500 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	X	405 mm
1.9	Wheelbase	y	1420 mm
	Weight		
2.1	Service weight		2905 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3820 kg / 585 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1325 kg / 1580 kg
	Wheels		
3.1	Tires type		Inflatable
3.2	Dimensions of front wheels		6.50-10 10
3.3	Dimensions of rear wheels		5.00-8 8
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
		b10	900 mm
3.6	Front wheel gauge		
3.7	Rear wheel gauge	b11	920 mm
4.7	Dimensions Height of evertood quark (onlin)	he	2090 mm
4.7	Height of overhead guard (cabin)	h6 h7	1160 mm
	Seat height/stand height	h10	
4.12	Height of towing bar (coupling height)		315 mm 3310 mm
4.19	Overall length	l1	
4.20	Length to face of forks Overall width	l2	2240 mm
4.21		b1	1080 mm 1080 mm
4.21	Overall width - Single wheels	b1 b1	1500 mm
4.21	Overall width - Twinned wheels		
4.22	Forks section / width / length	s / e / l	35 mm x 100 mm x 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B	L 2	2A
4.24	Fork carriage width	b3	1000 mm
4.31	Ground clearance below mast	m1	115 mm
4.32	Ground clearance at centre of wheelbase	m2	150 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3590 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3790 mm
4.35	Tuming radius	Wa	1985 mm
4.36	Internal turning radius (over tyres)	b13	55 mm
F 1	Performances		10 50 km² /b 10 km² /b
5.1	Travel speed (laden / unladen)		18.50 km/h-19 km/h
5.2	Lifting speed (laden / unladen)		0.50 m/s-0.55 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s-0.55 m/s
5.5	Drawbar pull (Laden / Unladen)		1450 daN / 760 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
7.1	Engine		Vanna de ATMESS US
7.1	Engine brand / model		Yanmar / 4TNE92-HRJ
7.2	I.C. Engine power rating		32.80 kW
7.3	Rated speed		2450 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2065 cm³
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		160 bar
	•		
8.2 8.3 8.4 8.4	Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator Sound level at the driver's ear according to DIN 12 053		160 bar 56 l/min < 86 dB 86 dB

MI-X 15 D - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40
α - Mast/fork carriage tilt, forward	۰	6	6	6	6
β - Mast/fork carriage tilt, backward	۰	12	12	12	12
h1 - Mast lowered height	mm	1995	2145	2395	2595
h2 - Mast free lift	mm	155	155	155	155
h3 - Mast lifting height	mm	3000	3300	3700	4000
h4 - Mast extended height	mm	3565	3865	4265	4600
Residual capacity at max height	kg	1500	1500	1500	1500
Residual capacity with integrated side shift at max heigth	kg	1500	1500	1500	1500
Height at max capacity	mm	3000	3300	3700	4000
Height at max capacity with integrated sideshift	mm	3000	3300	3700	4000

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40
α - Mast/fork carriage tilt, forward	٠	6	6	6
β - Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	mm	2160	2360	2560
h2 - Mast free lift	mm	1575	1755	1975
h3 - Mast lifting height	mm	3300	3700	4000
h4 - Mast extended height	mm	3885	4285	4585
Residual capacity at max height	kg	1500	1500	1500
Residual capacity with integrated side shift at max heigth	kg	1500	1500	1500
Height at max capacity	mm	3300	3700	4000
Height at max capacity with integrated sideshift	mm	3300	3700	4000

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward °		6	6	6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	٠	6	6	6	6	6	6	6	6
h1 - Mast lowered height	mm	2070	2120	2170	2220	2270	2470	2720	2870
h2 - Mast free lift	mm	1400	1500	1585	1600	1685	1885	2100	2200
h3 - Mast lifting height	mm	4300	4500	4700	4800	5000	5500	6000	6500
h4 - Mast extended height	mm	4980	5130	5380	5430	5595	6095	6730	7180
Residual capacity at max height	kg	1350	1300	1250	1250	1200	950	700	
Residual capacity with integrated side shift at max heigth	kg	1350	1300	1150	1150	1100	850	600	
Height at max capacity	mm	4000	2500	2500	2500	2500	2500	2500	2500





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