

Technical sheet :

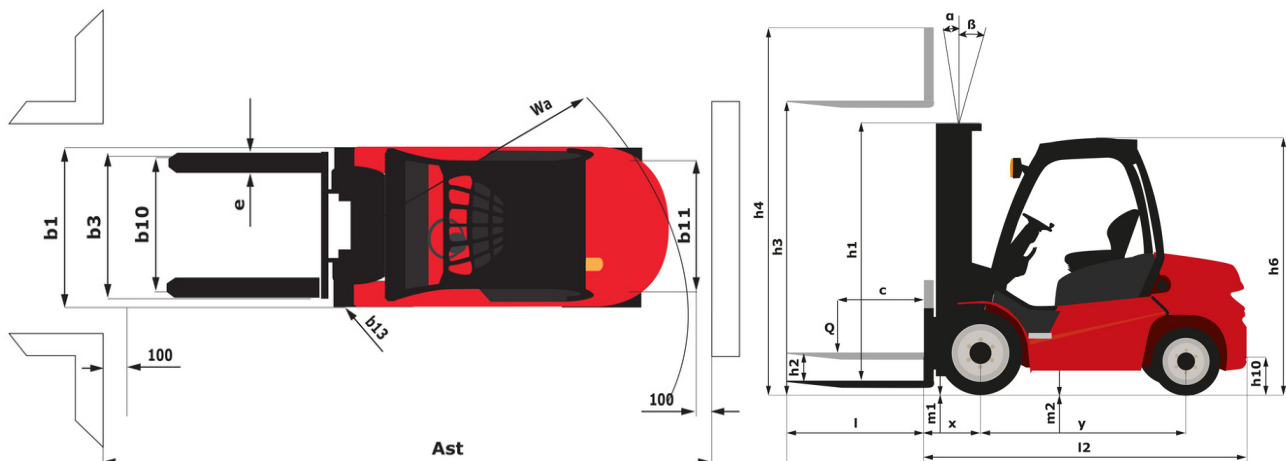
MI-X 18 D



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		MI-X 18 D
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	1800 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		3100 kg
2.2	Weight on front axle (laden) / rear axle (laden)		4260 kg / 640 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1315 kg / 1785 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
3.6	Front wheel gauge	b10	900 mm
3.7	Rear wheel gauge	b11	920 mm
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	2090 mm
4.8	Seat height/stand height	h7	1160 mm
4.12	Height of towing bar (coupling height)	h10	315 mm
4.19	Overall length	l1	3350 mm
4.20	Length to face of forks	l2	2280 mm
4.21	Overall width	b1	1080 mm
4.21	Overall width - Single wheels	b1	1080 mm
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		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	3615 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3815 mm
4.35	Turning radius	Wa	2010 mm
4.36	Internal turning radius (over tyres)	b13	55 mm
	Performances		
5.1	Travel speed (laden / unladen)		18.60 km/h-19.30 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)		1440 daN / 795 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	Engine		
7.1	Engine brand / model		Yanmar / 4TNE92-HRJ
7.2	Engine power according to ISO 1585		32.80 kW
7.3	Rated speed		2450 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2659 cm³
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		160 bar
8.3	Oil flow rate for attachments		56 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 86 dB
8.4	Sound level at the driver's ear according to DIN 12 053		86 dB

MI-X 18 D - Dimensional drawing



Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40	FVD 37	FVD 40
Mast/fork carriage tilt, forward	°	6	6	6	6	6
Mast/fork carriage tilt, backward	°	12	12	12	12	12
h1 - Mast lowered height	mm	2160	2360	2560	2395	2595
h2 - Mast free lift	mm	1575	1775	1975	155	155
h3 - Mast lifting height	mm	3300	3700	4000	3700	4000
h4 - Mast extended height	mm	3885	4285	4585	4265	4600
Residual capacity at max height	kg	1800	1800	1700	1800	1800
Residual capacity with integrated side shift at max height	kg	1750	1750	1650	1800	1750
Height at max capacity	mm	3300	3700	2500	3700	2500

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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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