

Technical sheet :

MI-X 20 D



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics			Metric		
1.1	Manufacturer				Manitou
1.2	Model Name				MI-X 20 D
1.3	Power source				Diesel
1.4	Operator type				Seated
1.5	Max. capacity	Q			2000 kg
1.6	Load center of gravity	c			500 mm
1.8	Load distance, centre of drive axle to fork	x			465 mm
1.9	Wheelbase	y			1600 mm
Weight					
2.1	Service weight				3725 kg
2.2	Weight on front axle (laden) / rear axle (laden)				5005 kg / 720 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)				1765 kg / 1960 kg
Wheels					
3.1	Tires type				Inflatable
3.2	Dimensions of front wheels				7.00-12 12
3.3	Dimensions of rear wheels				6.00-9 10
3.5	Number of front wheels / rear wheels				2 / 2
3.5.2	Number of drive wheels				2
3.6	Front wheel gauge	b10			965 mm
3.7	Rear wheel gauge	b11			973 mm
Dimensions					
4.7	Height of overhead guard (cabin)	h6			2115 mm
4.8	Seat height/stand height	h7			1190 mm
4.12	Height of towing bar (coupling height)	h10			355 mm
4.19	Overall length	l1			3615 mm
4.20	Length to face of forks	l2			2465 mm
4.21	Overall width	b1			1155 mm
4.21	Overall width - Single wheels	b1			1155 mm
4.22	Forks section / width / length	s / e / l			40 mm x 122 mm x 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B				2A
4.24	Fork carriage width	b3			1038 mm
4.31	Ground clearance below mast	m1			115 mm
4.32	Ground clearance at centre of wheelbase	m2			175 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast			3865 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast			4065 mm
4.35	Turning radius	Wa			2200 mm
4.36	Internal turning radius (over tyres)	b13			145 mm
Performances					
5.1	Travel speed (laden / unladen)				18 km/h-18.50 km/h
5.2	Lifting speed (laden / unladen)				0.47 m/s-0.55 m/s
5.3	Lowering speed (laden / unladen)				0.48 m/s-0.55 m/s
5.5	Drawbar pull (Laden / Unladen)				1690 daN / 1230 daN
5.7	Gradeability (laden / unladen)				20 % / 210 %
5.10	Service brake				Hydraulic
	Transmission type				Torque converter
Engine					
7.1	Engine brand / model				Yanmar / 4TNV94L-BXPHZ
7.2	I.C. Engine power rating				35 kW
7.3	Rated speed				2400 rpm
7.4	Number of cylinders / Capacity of cylinders				4 - 3054 cm³
Miscellaneous					
8.2	Working hydraulic pressure for attachments				160 bar
8.3	Oil flow rate for attachments				69 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator				< 84 dB
8.4	Sound level at the driver's ear according to DIN 12 053				84 dB

MI-X 20 D - Dimensional drawing





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