

Technical sheet :

MI-X 50 D FOB



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics		Metric
1.1	Manufacturer	Manitou
1.2	Model Name	MI-X 50 D FOB
1.3	Power source	Diesel
1.4	Operator type	Seated
1.5	Max. capacity	Q 5000 kg
1.6	Load center of gravity	c 500 mm
1.8	Load distance, centre of drive axle to fork	x 560 mm
1.9	Wheelbase	y 2150 mm
Weight		
2.1	Service weight	6800 kg
2.2	Weight on front axle (laden) / rear axle (laden)	10450 kg / 1350 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	3000 kg / 3800 kg
Wheels		
3.1	Tires type	Pneumatic
3.2	Dimensions of front wheels	300-15-18PR
3.3	Dimensions of rear wheels	7.00-12-12PR
3.5	Number of front wheels / rear wheels	2 / 2
3.5.2	Number of drive wheels	2
3.6	Front wheel gauge	b10 1190 mm
3.7	Rear wheel gauge	b11 1130 mm
Dimensions		
4.7	Height of overhead guard (cabin)	h6 2390 mm
4.8	Seat height/stand height	h7 1370 mm
4.12	Height of towing bar (coupling height)	h10 445 mm
4.19	Overall length	l1 4475 mm
4.20	Length to face of forks	l2 3255 mm
4.21	Overall width	b1 1490 mm
4.21	Overall width - Single wheels	b1 1490 mm
4.22	Forks section / width / length	s / e / l 50 mm x 150 mm x 1220 mm
4.23	Fork carriage ISO 2328 (class/form) A/B	3A
4.24	Fork carriage width	b3 1250 mm
4.31	Ground clearance below mast	m1 170 mm
4.32	Ground clearance at centre of wheelbase	m2 230 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast 4791 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast 4925 mm
4.35	Turning radius	Wa 2920 mm
4.36	Internal turning radius (over tyres)	b13 130 mm
Performances		
5.1	Travel speed (laden / unladen)	22 km/h-24 km/h
5.2	Lifting speed (laden / unladen)	0.40 m/s-0.43 m/s
5.3	Lowering speed (laden / unladen)	0.50 m/s-0.50 m/s
5.5	Drawbar pull (Laden / Unladen)	3800 daN / 2300 daN
5.7	Gradeability (laden / unladen)	34 % / 32 %
5.10	Service brake	Hydraulic
Engine		
6.4	Battery capacity	600 Ah
7.1	Engine brand / model / nom	Perkins / 1104D-44 / Stage IIIA
7.2	I.C. Engine power rating	56 kW
7.3	Rated speed	2200 rpm
7.4	Number of cylinders / Capacity of cylinders	4 - 4400 cm³
Miscellaneous		
8.2	Working hydraulic pressure for attachments	160 bar
8.3	Oil flow rate for attachments	90 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator	< 87 dB
8.4	Sound level at the driver's ear according to DIN 12 053	87 dB

MI-X 50 D FOB - Dimensional drawing





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