

Technical sheet :

MI-X 45 D FOB



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics			Metric	
1.1	Manufacturer			Manitou
1.2	Model Name			MI-X 45 D FOB
1.3	Power source			Diesel
1.4	Operator type			Seated
1.5	Max. capacity	Q		4500 kg
1.6	Load center of gravity	c		500 mm
1.8	Load distance, centre of drive axle to fork	x		550 mm
1.9	Wheelbase	y		2000 mm
Weight				
2.1	Service weight			6500 kg
2.2	Weight on front axle (laden) / rear axle (laden)			9625 kg / 1375 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)			2820 kg / 3680 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		4330 mm
4.20	Length to face of forks	l2		3110 mm
4.21	Overall width	b1		1490 mm
4.21	Overall width - Single wheels	b1		1490 mm
4.21	Overall width - Twinned wheels	b1		1940 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		4662 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast		4795 mm
4.35	Turning radius	Wa		2800 mm
4.36	Internal turning radius (over tyres)	b13		100 mm
Performances				
5.1	Travel speed (laden / unladen)			22 km/h-24 km/h
5.2	Lifting speed (laden / unladen)			0.46 m/s-0.48 m/s
5.3	Lowering speed (laden / unladen)			0.50 m/s-0.50 m/s
5.5	Drawbar pull (Laden / Unladen)			3800 daN / 2200 daN
5.7	Gradeability (laden / unladen)			34 % / 34 %
5.10	Service brake			Hydraulic
Engine				
7.1	Engine brand / model / norm			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 45 D FOB - Dimensional drawing





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