

Technical sheet :

# MI-X 15 G

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Technical characteristics		Metric	
1.1	Manufacturer		MANITOU
1.2	Model Name		MI-X 15 G
1.3	Power source		LPG
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		2710 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3640 kg / 570 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1230 kg / 1480 kg
Wheels			
3.1	Tires type		Solid tires
3.2	Dimensions of front wheels		6.50-10 10
3.3	Dimensions of rear wheels		5.0-8 8
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	900 mm
3.7	Rear wheel gauge	b11	920 mm
Dimensions			
4.8	Seat height/stand height	h7	1160 mm
4.7	Height of overhead guard (cabin)	h6	2090 mm
4.12	Height of towing bar (coupling height)	h10	315 mm
4.19	Overall length	l1	3310 mm
4.20	Length to face of forks	l2	2240 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	3590 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3790 mm
4.35	Turning radius	Wa	1985 mm
4.36	Internal turning radius (over tyres)	b13	55 mm
Performances			
5.1	Travel speed (laden / unladen)		17.50 km/h-18 km/h
5.2	Lifting speed (laden / unladen)		0.45 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)		1460 daN / 770 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	Transmission type		Torque converter
Engine			
6.1	Drive motor rating S2 60 min		29 kW
6.2	Lift motor rating at S3 15%		29 kW
7.1	Engine brand / model		GCT (ex-Nissan) / K21
7.2	Engine power (Hp / kW)		39 Hp/29 kW
7.3	Rated speed		2250 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2065 cm³
	Energy consumption according to VDI cycle (Gas)		5.70 kg CO2/h
Miscellaneous			
8.2	Working hydraulic pressure for attachments		160 bar
8.3	Oil flow rate for attachments		52 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 81 dB
8.4	Sound level at the driver's ear according to DIN 12 053		81 dB

MI-X 15 G - Dimensional drawing







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