

Technical sheet :

# MI-X 30 G

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Technical characteristics		Metric	
1.1	Manufacturer		MANITOU
1.2	Model Name		MI-X 30 G
1.3	Power source		Lpg
1.4	Operator type		Seated
1.5	Max. capacity	Q	3000 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	480 mm
1.9	Wheelbase	y	1700 mm
Weight			
2.1	Service weight		4490 kg
2.2	Weight on front axle (laden) / rear axle (laden)		6560 kg / 930 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1805 kg / 2685 kg
Wheels			
3.1	Tires type		Inflatable
3.2	Dimensions of front wheels		28-9-15 12
3.3	Dimensions of rear wheels		6.50-10 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	1005 mm
3.7	Rear wheel gauge	b11	975 mm
Dimensions			
4.7	Height of overhead guard (cabin)	h6	2130 mm
4.8	Seat height/stand height	h7	1215 mm
4.12	Height of towing bar (coupling height)	h10	355 mm
4.19	Overall length	l1	3865 mm
4.20	Length to face of forks	l2	2715 mm
4.21	Overall width	b1	1225 mm
4.21	Overall width - Single wheels	b1	1225 mm
4.22	Forks section / width / length	s / e / l	45 mm x 122 mm x 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	1100 mm
4.31	Ground clearance below mast	m1	130 mm
4.32	Ground clearance at centre of wheelbase	m2	200 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	4140 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4340 mm
4.35	Turning radius	Wa	2460 mm
4.36	Internal turning radius (over tyres)	b13	160 mm
Performances			
5.1	Travel speed (laden / unladen)		18 km/h-18.50 km/h
5.2	Lifting speed (laden / unladen)		0.45 m/s-0.55 m/s
5.3	Lowering speed (laden / unladen)		0.48 m/s-0.50 m/s
5.5	Drawbar pull (Laden / Unladen)		1740 daN / 1080 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	Transmission type		Torque converter
Engine			
7.1	Engine brand / model		GCT (ex-Nissan) / K25
7.2	I.C. Engine power rating		35 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2488 cm³
	Energy consumption according to VDI cycle (Gas)		6.30 kg CO2/h
6.6	Energy consumption according to VDI cycle (kWh/h)		6.30 kWh
Miscellaneous			
8.2	Working hydraulic pressure for attachments		160 bar
8.3	Oil flow rate for attachments		72 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 80 dB
8.4	Sound level at the driver's ear according to DIN 12 053		80 dB

### MI-X 30 G - Dimensional drawing







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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](http://www.manitou.com)



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