

Technical sheet :

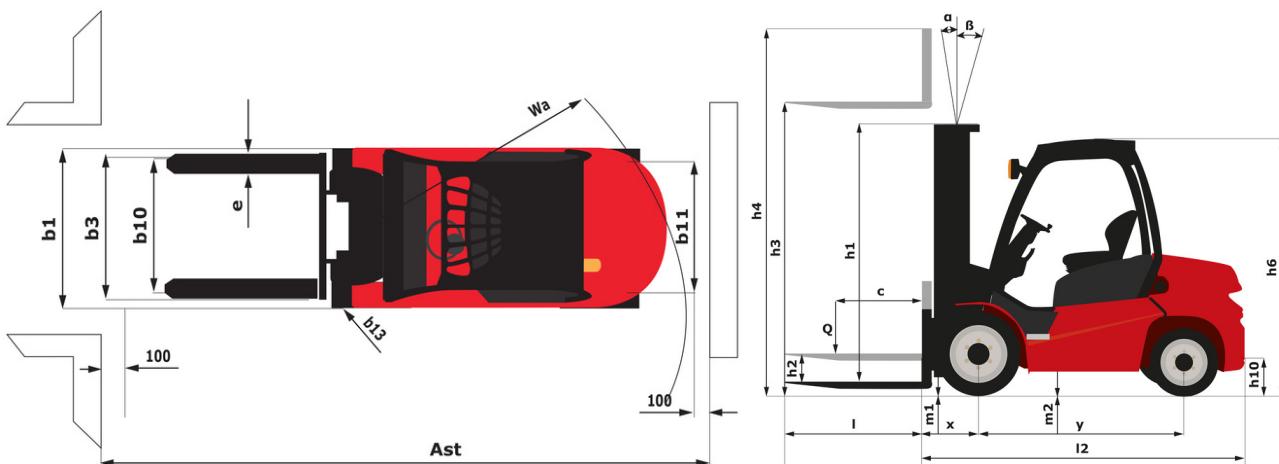
MI-X 25 G



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	MANITOU	
1.2	Model Name	MI-X 25 G	
1.3	Power source	LPG	
1.4	Operator type	Seated	
1.5	Max. capacity	2500 kg	
1.6	Load center of gravity	500 mm	
1.8	Load distance, centre of drive axle to fork	465 mm	
1.9	Wheelbase	1600 mm	
Weight			
2.1	Service weight	3895 kg	
2.2	Weight on front axle (laden) / rear axle (laden)	5665 kg / 730 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	1665 kg / 2230 kg	
Wheels			
3.1	Tires type	Solid tires	
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			
4.8	Seat height/stand height	h7	1190 mm
4.7	Height of overhead guard (cabin)	h6	2115 mm
4.12	Height of towing bar (coupling height)	h10	360 mm
4.19	Overall length	l1	3685 mm
4.20	Length to face of forks	l2	2535 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	3930 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4130 mm
4.35	Turning radius	Wa	2265 mm
4.36	Internal turning radius (over tyres)	b13	145 mm
Performances			
5.1	Travel speed (laden / unladen)		19.40 km/h-19.70 km/h
5.2	Lifting speed (laden / unladen)		0.47 m/s-0.55 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s-0.50 m/s
5.5	Drawbar pull (Laden / Unladen)		1700 daN / 1040 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	Engine power (Hp / kW)		48 Hp/35 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2488 cm ³
	Energy consumption according to VDI cycle (Gas)		6.30 kg CO ₂ /h
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 25 G - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 30	FVD 33	FVD 37	FVD 40
α - Mast/fork carriage tilt, forward °	6	6	6	6
β - Mast/fork carriage tilt, backward °	12	12	12	12
h1 - Mast lowered height mm	2035	2185	2435	2635
h2 - Mast free lift mm	140	140	140	140
h3 - Mast lifting height mm	3000	3300	3700	4000
h4 - Mast extended height mm	3660	3960	4360	4660
Residual capacity at max height kg	2500	2500	2500	2500
Residual capacity with integrated side shift at max height kg	2500	2500	2500	2500
Height at max capacity mm	3000	3300	3700	4000
Height at max capacity with integrated sideshift mm	3000	3300	3700	4000

Free Lift Duplex (FLD)	FLD 33	FLD 37	FLD 40
α - Mast/fork carriage tilt, forward °	6	6	6
β - Mast/fork carriage tilt, backward °	12	12	12
h1 - Mast lowered height mm	2160	2360	2560
h2 - Mast free lift mm	1480	1680	1880
h3 - Mast lifting height mm	3300	3700	4000
h4 - Mast extended height mm	3980	4330	4680
Residual capacity at max height kg	2500	2500	2500
Residual capacity with integrated side shift at max height kg	2500	2500	2500
Height at max capacity mm	3300	3700	4000
Height at max capacity with integrated sideshift mm	3300	3700	4000



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



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