

Technical sheet :

# **MI 25 G ST5**

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	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		MI 25 G ST5
1.3	Power source		Lpg
1.4	Operator type		Sitting
1.5	Max. capacity	Q	2500 kg
1.6	Load centre of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	465 mm
1.9	Wheelbase	y	1600 mm
	<b>Weight</b>		
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
	<b>Wheels</b>		
3.1	Tyres type		Super Elastic
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
	<b>Dimensions</b>		
4.1	Tilt of Mast Forward (deg) / Backward (deg)	$\alpha / \beta$	6 / 12
4.12	Height of towing bar (coupling height)	h10	360 mm
4.19	Overall length	l1	4345 mm
4.20	Length to face of forks	l2	2115 mm
4.21	Overall width - Single wheels	b1	1155 mm
4.21	Overall width - Twinned wheels	b1	1595 m
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm / 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 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
4.7	Height of overhead guard (cabin)	h6	2115 m
4.8	Seat height/stand height	h7	1190 mm
	<b>Performances</b>		
5.1	Travel speed (laden / unladen)		19.40 km/h / 19.70 km/h
5.2	Lifting speed (laden / unladen)		0.55 m/s / 0.64 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s / 0.50 m/s
5.5	Drawbar pull (Laden / Unladen)		1940 daN / 1040 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
	<b>Engine</b>		
7.1	Engine brand / model		GCT (ex-Nissan) / GK25 LPG
7.2	Engine power according to ISO 1585		43.40 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2488 cm <sup>3</sup>
	<b>Miscellaneous</b>		
8.2	Working hydraulic pressure for attachments		160 bar
8.3	Oil flow rate for attachments		75 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 80 dB





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