

Technical sheet :

# **MI 15 G ST5 FOB**

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 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric
1.1	Manufacturer	MANITOU
1.2	Model Name	MI 15 G ST5 FOB
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	5.00-8 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
4.12	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
4.21	Overall width - Twinned wheels	b1 1500 mm
4.22	Forks section / width / length	s / e / l 35 mm x 100 mm x 1070 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)	0.61 m/s-0.65 m/s
5.3	Lowering speed (laden / unladen)	0.50 m/s-0.55 m/s
5.5	Drawbar pull (Laden / Unladen)	1800 daN / 770 daN
5.7	Gradeability (laden / unladen)	20 % / 20 %
5.10	Service brake	Hydraulic
Engine		
7.1	Engine brand / model	GCT (ex-Nissan) / GK21 LPG
7.2	Engine power (Hp / kW)	52 Hp/38.40 kW
7.3	Rated speed	2700 rpm
7.4	Number of cylinders / Capacity of cylinders	4 - 2065 cm³
Miscellaneous		
8.2	Working hydraulic pressure for attachments	160 bar
8.3	Oil flow rate for attachments	25 l/min
8.4	Sound level at the driver's ear according to DIN 12 053	81 dB

MI 15 G ST5 FOB - Dimensional drawing







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