

Technical sheet :

# **MI 45 G FOB**

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 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric
1.1	Manufacturer	Manitou
1.2	Model Name	MI 45 G FOB
1.3	Power source	Lpg
1.4	Operator type	Seated
1.5	Max. capacity	Q 4500 kg
1.6	Load center of gravity	c 500 mm
1.8	Load distance, centre of drive axle to fork	x 550 mm
1.9	Wheelbase	y 2000 mm
Weight		
2.1	Service weight	6500 kg
2.2	Weight on front axle (laden) / rear axle (laden)	9625 kg / 1375 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	2820 kg / 3680 kg
Wheels		
3.1	Tires type	Pneumatic
3.2	Dimensions of front wheels	300-15-18PR
3.3	Dimensions of rear wheels	7.00-12-12PR
3.5	Number of front wheels / rear wheels	2 / 2
3.5.2	Number of drive wheels	2
3.6	Front wheel gauge	b10 1190 mm
3.7	Rear wheel gauge	b11 1130 mm
Dimensions		
4.7	Height of overhead guard (cabin)	h6 2390 mm
4.8	Seat height/stand height	h7 1370 mm
4.12	Height of towing bar (coupling height)	h10 445 mm
4.19	Overall length	l1 4330 mm
4.20	Length to face of forks	l2 3110 mm
4.21	Overall width	b1 1490 mm
4.21	Overall width - Single wheels	b1 1490 mm
4.22	Forks section / width / length	s / e / l 50 mm x 150 mm x 1220 mm
4.23	Fork carriage ISO 2328 (class/form) A/B	3A
4.24	Fork carriage width	b3 1250 mm
4.31	Ground clearance below mast	m1 170 mm
4.32	Ground clearance at centre of wheelbase	m2 230 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast 4662 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast 4795 mm
4.35	Turning radius	Wa 2800 mm
4.36	Internal turning radius (over tyres)	b13 100 mm
Performances		
5.1	Travel speed (laden / unladen)	13 km/h-24 km/h
5.2	Lifting speed (laden / unladen)	0.46 m/s-0.48 m/s
5.3	Lowering speed (laden / unladen)	0.50 m/s-0.50 m/s
5.5	Drawbar pull (Laden / Unladen)	3800 daN / 2200 daN
5.7	Gradeability (laden / unladen)	23 % / 34 %
5.10	Service brake	Hydraulic
Engine		
7.1	Engine brand / model	PSI / 4,3L
7.2	I.C. Engine power rating	74 kW
7.3	Rated speed	2300 rpm
7.4	Number of cylinders / Capacity of cylinders	6 - 4300 cm³
Miscellaneous		
8.2	Working hydraulic pressure for attachments	160 bar
8.3	Oil flow rate for attachments	90 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator	< 83 dB
8.4	Sound level at the driver's ear according to DIN 12 053	83 dB

### MI 45 G FOB - Dimensional drawing







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