

Technical sheet :

# CI 12 PF



Technical characteristics		Metric	
1.1	Manufacturer		Manitou
1.2	Model Name		CI 12 PF
1.3	Power source		Electrical
1.4	Operator type		Carried
1.5	Max. capacity	Q	1200 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	240 mm
1.9	Wheelbase	y	1530 mm
Weight			
2.1	Service weight		1780 kg
2.2	Weight on front axle (laden) / rear axle (laden)		472 kg / 2508 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		650 kg / 1130 kg
Wheels			
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		200 x 75
3.3	Dimensions of rear wheels		250 x 100
3.5.2	Number of drive wheels / front wheels / rear wheels		1 / 1 / 2
3.7	Rear wheel gauge	b11	665 mm
Dimensions			
4.15	Fork height in low position	h13	50 mm
4.19	Overall length	l1	3108 mm
4.2	Mast lowered height	h1	1980 mm
4.20	Length to face of forks	l2	1958 mm
4.21	Overall width	b1	800 mm
4.22	Forks section / width / length	s / e / l	45 mm x 100 mm x 1150 mm
4.24	Fork carriage width	b3	790 mm
4.25	Forks spread	b5	730 mm
4.32	Ground clearance at centre of wheelbase	m2	50 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	3437 mm
4.35	Turning radius	Wa	1742 mm
4.4	Mast lifting height	h3	1450 mm
4.5	Mast extended height	h4	1980 mm
4.9	Height tiller max.	h14	1212 mm
Performances			
5.1	Travel speed (laden / unladen)		9 km/h / 11 km/h
5.2	Lifting speed (laden / unladen)		0.08 m/s / 0.18 m/s
5.3	Lowering speed (laden / unladen)		0.12 m/s / 0.11 m/s
5.7	Gradeability (laden / unladen)		6 % / 10 %
5.10	Service brake		Electro magnetic
5.11	Parking brake		Butterfly switch release
Engine			
6.1	Drive motor rating S2 60 min		2 kW
6.2	Lift motor rating at S3 15%		2 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B
6.4	Battery voltage / capacity		24 V / 620 Ah
6.5	Battery weight (+/- 5%)		490 kg
Miscellaneous			
8.1	Type of drive control		AC Mosfet Variator
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 66 dB

CI 12 PF - Dimensional drawing





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