Technical sheet :



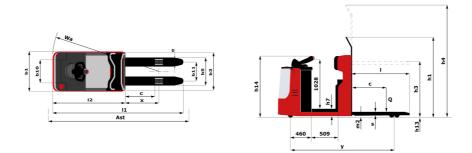




CI12 PF Created on July 3, 2025 at 7:46 PM UTC

Technical characteristics		Metric	Imperial
Manufacturer		Manitou	Manitou
Model Name		CI 12 PF	CI 12 PF
Power source		Electrical	Electrical
Operator type		Carried	Carried
Max. capacity	Q	1200 kg	2646 lb
Load center of gravity	С	600 mm	24 in
Load distance, centre of drive axle to fork	Х	240 mm	9 in
Wheelbase	٧	1530 mm	60 in
Weight			
Service weight		1780 kg	3924 lb
Weight on front axle (laden) / rear axle (laden)		472 kg / 2508 kg	1041 lb / 5529 lb
Weight on front axle (Unladen) / rear axle (Unladen)		650 kg / 1130 kg	1433 lb / 2491 lb
Wheels			
Tires type		Bandage	Bandage
Dimensions of front wheels		200 x 75	200 x 75
Dimensions of rear wheels		250 x 100	250 x 100
Number of drive wheels / front wheels / rear wheels		1/1/2	1/1/2
Rear wheel gauge	b11	665 mm	26 in
Dimensions	011		2011
Fork height in low position	h13	50 mm	2 in
Overall length	l1	3108 mm	122 in
Mast lowered height	h1	1980 mm	78 in
Length to face of forks	11	1958 mm	78 m
Overall width	b1	800 m	2624 ft 8 in
Forks section / width / length	s / e / l	45 mm x 100 mm x 1150 mm	2 in x 4 in x 45 in
Fork carriage width	b3	790 mm	2 III X 4 III X 43 III 31 in
Forks spread	b5	730 mm	29 in
	m2	50 mm	2 in
Ground clearance at centre of wheelbase	Ast	3437 mm	2 III 135 in
Aisle width for 800 x 1200 pallet lengthways			69 in
Turning radius	Wa	1742 mm	
Mast lifting height	h3	1450 mm	57 in
Mast extended height	h4	1980 mm	78 in
Height tiller max.	h14	1212 mm	48 in
Performances			
Travel speed (laden / unladen)		9 km/h / 11 km/h	6 mph / 7 mph
Lifting speed (laden / unladen)		0.08 m/s / 0.18 m/s	0.26 ft/s / 0.59 ft/s
Lowering speed (laden / unladen)		0.12 m/s / 0.11 m/s	0.39 ft/s / 0.36 ft/s
Gradeability (laden / unladen)		6 % / 10 %	6 % / 10 %
Service brake		Electro magnetic	Electro magnetic
Parking brake		Butterfly switch release	Butterfly switch release
Engine			
Drive motor rating S2 60 min		2 kW	2 kW
Lift motor rating at S3 15%		2 kW	2 kW
Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B	DIN 43535-B
Battery voltage / capacity		24 V / 620 Ah	24 V / 620 Ah
Battery weight (+/- 5%)		490 kg	1080 lb
Miscellaneous			
Type of drive control		AC Mosfet Variator	AC Mosfet Variator

## CI 12 PF - Dimensional drawing





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