Technical sheet:

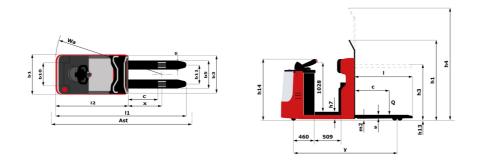
## **CI 12 PF**

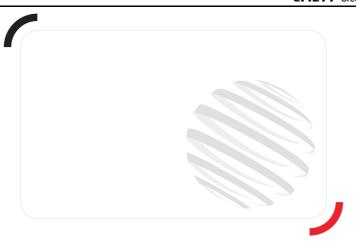




Technical Characteristics			CI12 PF Cre	eated on June 2, 2025 at 10:00 AM UTC
1.2   Model Name		Technical characteristics		Metric
1.3   Power course   Green	1.1	Manufacturer		Manitou
Carried	1.2	Model Name		CI 12 PF
1.5 Max. capacity C	1.3	Power source		Electrical
1.6   Load castent of gravity   C   200 mm	1.4	Operator type		Carried
1.6   Load castent of gravity   C   200 mm	1.5	Max. capacity	Q	1200 kg
1.8   Load distance, centre of drive axie to fork				-
Wheelbase   Weight   Service weight   1780 kg   1780 k				
2.1   Sentice weight on front axie (laden) / rear axie (laden)   472 kg / 2508 kg				
2.2   Weight on front aske (laden) / rear aske (laden)   630 kg / 2308 kg	2.1			1780 ka
Weight on format aric (Unladen)   Fear avile (Unladen)		•		-
Wheels				
3.1   Tires type	2.0			,,
3.2   Dimensions of front wheels   200 x 75   233   Dimensions of rear wheels   250 x 100   250 x 100 x 10	3.1			Randage
3.3   Dimensions of rear wheels   250 x 100   1 / 1 / 2   3.5		•		-
3.5.2   Number of drive wheels / front wheels / rear wheels   1/1 / 2   655 mm				
Rear wheel gauge				
			h11	
A.15   Fork height in low position	0.7		511	000 111111
A.19   Overall length	<i>4</i> 15		h13	50 mm
4.2     Mast lowered height     h1     1980 mm       4.20     Length to face of forks     12     1958 mm       4.21     Overall width     b1     800 m       4.22     Forks section / width / length     s / e / l     45 mm x 100 mm x 1150 mm       4.24     Forks spread     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     Tuming radius     Wa     1742 mm       4.4     Mast lifting height     h3     1450 mm       4.5     Mast extended height     h4     1980 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)     9 km/h / 11 km/h     ***       5.3     Lowering speed (laden / unladen)     6 % / 10 %     ***       5.7     Gradeability (laden / unladen)     6 % / 10 %     ***       5.10     Parking brake     Butterfly switch rel				
4.20       Length to face of forks       12       1958 mm         4.21       Overall width       b1       800 m         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       Asise width for 800 x 1200 pallet lengthways       Ast       3437 mm         4.35       Tuming 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       1920 mm         4.9       Height tiller max.       h14       1920 mm         5.1       Tavel speed (laden / unladen)       9 km/h / 11 km/h       0.08 m/s / 0.18 m/s         5.2       Lifting speed (laden / unladen)       0.12 m/s / 0.11 m/s       6 k / 10 %         5.7       Gradeability (laden / unladen)       6 k / 10 %       6 k / 10 %         5.10       Service brake       Electro magnetic       8utterly switch release         6.1 <td></td> <td>,</td> <td></td> <td></td>		,		
4.21       Overall width / length       s / e / I       45 mm x 100 mm x 1150 mm         4.22       Forks section / width / length       b3       790 mm         4.24       Fork spread       b5       730 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       Liffing speed (laden / unladen)       9 km/h / 11 km/h         5.2       Liffing speed (laden / unladen)       0.08 m/s / 0.18 m/s         5.3       Lowering speed (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         5.11       Parking brake       Electro magnetic         6.1       Dive motor rating \$2.60 min       2 kW		•		
4.22       Forks section / width / length       s / e / l       45 mm x 100 mm x 1150 mm         4.24       Fork sagread       b3       790 mm         4.25       Forks spread       b5       730 mm         4.32       Ground clearance at centre of wheelbase       m2       50 mm         4.34       A isle 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       Gradability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         5.11       Parking brake       Butterfly switch release         Engline       2 kW         6.1       Drive motor rating S2 60 min       2 kW         6.2       Liff mo				
4.24   Fork carriage width				
4.25         Forks spread         b5         730 mm           4.32         Gound clearance at centre of wheelbase         m2         50 mm           4.34         Aisle width for 800 x 1200 pallet lengthways         Ast         3437 mm           4.35         Tuming 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         2 kW           6.1         Drive motor rating \$2.60 min         2 kW           6.2         Lift motor rating at \$3.15%         2 kW           6.3         Battery weight (+/- 5%)         490 kg		·		
4.32   Ground clearance at centre of wheelbase   m2   50 mm     4.34   Alsle width for 800 x 1200 pallet lengthways   Ast   3437 mm     4.35   Tuming 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		9		
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       3437 mm         4.35       Tuming 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         Engline       2 kW         6.1       Drive motor rating \$2.60 min       2 kW         6.2       Lift motor rating \$2.50 min       2 kW         6.3       Battery actording 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 dri		·		
4.35       Tuming 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       Sevrice brake       Electro magnetic         5.11       Parking brake       Butterfly switch release         Engine       Butterfly switch release         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 weight (+/- 5%)       490 kg         Miscellaneous       AC Mosfet Variator				
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       Butterfly switch release         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       AC Mosfet Variator				
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 \$2.60 min       2 kW         6.2       Lift motor rating at \$3.15%       2 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery woltage / capacity       24 V / 620 Ah         6.5       Battery weight (+/- 5%)       490 kg         Miscellaneous         8.1       Type of drive control       AC Mosfet Variator				
Height tiller max.				
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           6.1         Drive motor rating \$2 60 min         2 kW           6.2         Lift motor rating at \$3 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         AC Mosfet Variator				
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 \$2 60 min       2 kW         6.2       Lift motor rating at \$3 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	4.7			1212 11111
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       2 kW         6.1       Drive motor rating \$2 60 min       2 kW         6.2       Lift motor rating at \$3 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       AC Mosfet Variator	5.1			0 km/h / 11 km/h
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 \$2 60 min       2 kW         6.2       Lift motor rating at \$3 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				
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 \$2 60 min       2 kW         6.2       Lift motor rating at \$3 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		- ' '		
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		- , ,		
5.11 Parking brake       Butterfly switch release         Engine       Compare to 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		, ,		
Engine         Company           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				•
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	0.11			butterny switch release
6.2 Lift motor rating at \$3 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	6.1			2 kW
6.3 Battery according to DIN 43531/35/36 A, B, C  6.4 Battery voltage / capacity  6.5 Battery weight (+/- 5%)  Miscellaneous  8.1 Type of drive control  DIN 43535-B  24 V / 620 Ah  490 kg  AC Mosfet Variator				
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				
6.5 Battery weight (+/- 5%)  Miscellaneous  8.1 Type of drive control  AC Mosfet Variator		•		
Miscellaneous  8.1 Type of drive control  AC Mosfet Variator				
8.1 Type of drive control AC Mosfet Variator	0.0			
·	8.1			AC Mosfet Variator

## CI 12 PF - Dimensional drawing







## **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes