Technical sheet :



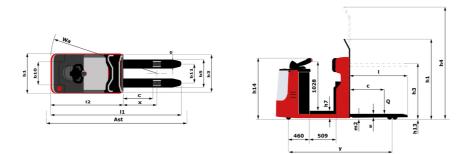




Technical characturer       1.1     Mard acturer       1.2     Model Name       1.3     Pover source       1.4     Operator type       1.5     Max. capacity     Q       1.6     Load cetter of gravity     C       1.8     Load distance, centre of drive axie to fork.     X       1.9     Weelbase     y       Weight on front axie (laden) / rear axie (laden)     X       2.1     Service weight     X       3.1     Tites type     X       3.1     Tites type     X       3.2     Dimensions of front wheels     X       3.3     Dimensions of front wheels     X       3.4     Tork height in low position     N13       4.15     Fork height in low position     N13       4.19     Overall length     X       4.20     Length to face of forks     12       4.21     Owerall width / length     13       4.22     Fork segred of forks     12       4.23     Fork segred of forks     12       4.24     Fork carage width     13       4.25     Fork segre			
1.2     Model Name       1.3     Power source       1.4     Operator type       1.5     Max. capacity     0       1.6     Load center of gravity     0       1.8     Load center of gravity     0       1.8     Load center of gravity     x       1.9     Wheelbase     y       Weight on front acite (laden) / rear axie (laden)     y       2.1     Service weight     y       2.2     Weight on front acite (laden) / rear axie (laden)     y       3.1     Tires type     y       3.2.2     Dimensions of front wheels     y       3.3     Dimensions of front wheels / rear wheels     y       3.4.15     Fork height in low position     h13       4.16     Oreral length     h11       4.20     Length to face of forks     12       4.21     Oweral length     b11       4.22     Fork section / widht / length     b13       4.23     Gound cleasance at centre of wheebase     b55       4.24     Fork seption     h24       4.25     Forks seption     m34       4.34 <t< td=""><td></td><td>Technical characteristics</td><td></td></t<>		Technical characteristics	
1.3     Power source       1.4     Operator type       1.5     Max. capacity     0       1.6     Load center of gravity     c       1.8     Load distance, centre of drive axte to fork.     x       1.9     Wheelbase     y       Weight on front axte (Laden) / rear axte (Laden)     x       2.1     Service weight     x       2.2     Weight on front axte (Laden) / rear axte (Laden)     x       2.3     Weight on front axte (Laden) / rear axte (Laden)     x       3.1     Tires type     x       3.3     Dimensions of front wheels     x       3.4     Tires type     bit       4.15     Fork height in low position     h13       4.15     Fork height in low position     h11       4.20     Length to face of forks     12       4.21     Overall width / length     bit       4.22     Fork sampeed height     bit       4.23     Groud Ceanne at centre of wheelbase     m2       4.24     Fork sampeed width / length     bit       4.25     Fork sampeed width / length     bit       4.24     Fork cami	1.1	Manufacturer	
1.4   Operator type   Q     1.5   Max. capacity   Q     1.6   Load center of gravity   c     1.8   Load distance, cente of drive axle to fork   x     1.9   Wheelbase   y     2.1   Service weight   y     2.2   Weight on front axle (laden) / rear axle (laden)   y     2.3   Weight on front axle (laden) / rear axle (laden)   y     3.1   Tites type   y     3.2   Dimensions of front wheels   y     3.3   Dimensions of front wheels / rear wheels   y     3.4.1   Dimensions   front wheels / rear wheels     3.7   Rear wheel gauge   b11     Dimensions   front wheels / rear wheels   y     3.7   Rear wheel gauge   b11     1.8   Longht in low position   h13     4.19   Overall length   11     4.20   Length to face of forks   12     2.21   Overall width   b3     4.22   Fork seight now position   12     4.23   Grout clearance at center of wheelbase   b3     4.24   Fork cariage width   b3     4.25   Fork seight now position   m2     5.3   Cound clearance at center	1.2	Model Name	
1.5   Max. capacity   Q     1.6   Load center of gravity   c     1.8   Load distance, centred drive axle to fork   x     1.9   Wheelbase   y     Weight on front axle (laden) / rear axle (laden)     2.1   Service weight	1.3	Power source	
1.6   Load centre of gravity   c     1.8   Load distance, centre of drive axie to fork   x     1.9   Wheelbase   y     2.1   Service weight   y     2.2   Weight on front axie (lunladen) / rear axie (lunladen)   y     2.3   Weight on front axie (lunladen) / rear axie (lunladen)   y     3.1   Titres type   y     3.3   Dimensions of front wheels   y     3.4   Dimensions of front wheels / rear wheels   y     3.5.2   Number of drive wheels / front wheels / rear wheels   y     3.7   Rear wheel gauge   b11     0   Dimensions   y     4.15   Fork height in low position   h13     4.19   Overall length   11     4.20   Length of ace of forks   12     4.21   Overall width   b11     4.22   Fork section / width / length   b11     4.23   Ground clearance at centre of wheelbase   m2     4.34   Atsle width for 800 x 1200 pallet lengthways   Atst     4.35   Tuming radius   Wa     4.4   Mest Vertade height   14     4.5   Mest vertade height   15     5.7   Gradeability (no 100 allet lengthways   Atst<	1.4	Operator type	
1.6     Load center of gravity     c       1.8     Load distance, center of drive axie to fork     x       1.9     Wheelbase     y       Weight for fort axie (laden) / rear axie (laden)       2.1     Service weight     y       2.2     Weight on front axie (laden) / rear axie (laden)     y       3.1     Times type     y       3.2     Dimensions of front wheels     y       3.3     Dimensions of fear wheels     y       3.7     Rear wheel gauge     bi11       11     Dimensions     h13       4.15     Fork height in low position     h13       4.19     Overall length     11       4.20     Length to face of focks     12       4.21     Overall width     b11       4.22     Fork seight 0.00 x 1200 pallet lengthways     b3       4.25     Fork seight 0.00 x 1200 pallet lengthways     b3       4.23     Tuming radius     Wa       4.34     Assie width for 800 x 1200 pallet lengthways     Assis       4.32     Ground clearance at center of wheelbase     m2       4.34     Maste stended height     h3	1.5	Max. capacity	Q
1.8   Load distance, centre of drive axie to fork   x     1.9   Wheelbase   y     2.1   Service weight   x     2.2   Weight on front axie (laden) / rear axie (Unladen)   x     3.3   Wieghet on front axie (Unladen) / rear axie (Unladen)   x     3.1   Tries type   x     3.2   Dimensions of front wheels   x     3.3   Dimensions of rear wheels   x     3.4   Rear wheel gauge   b11     7   Rear wheel gauge   b11     1   Ournations   h11     4.15   Fork height in low position   h13     4.15   Our end leight   h11     4.2   Mast lowered height   b11     4.2   Constraing ewidth   b11     4.2   Fork carriage width   b11     4.2   Fork carriage width   b3     4.32   Ground clearance at center of wheelbase   m2     4.33   Turning and/us   h41     4.4   Mast lifting height   h3     4.35   Turning and/us   h34     4.34   Aisle width for 800 x 1200 pallet lengthways   Ast     4.35   Turning and/us   h34     4.4   Mast lifting height   h34 <td>1.6</td> <td></td> <td></td>	1.6		
1.9   Wheelbase   y     2.1   Service weight			
Weight			
2.1     Service weight       2.2     Weight on front axie (Unladen) / rear axie (Unladen)       2.3     Weight on front axie (Unladen) / rear axie (Unladen)       3.1     Tires type       3.2     Dimensions of front wheels       3.3     Dimensions of rear wheels       3.5.2     Number of drive wheels / front wheels / rear wheels       3.7     Rear wheel gauge <b>Dimensions</b> bit       4.15     Fork height in low position     h13       4.19     Overall length     h11       4.2     Mast lowered height     h11       4.2     Fork section / width / length     b1       4.2     Eork section / width / length     sf / e /       4.2     Eork section / width / length     sf / e /       4.2     Eork section / width / length     b3       4.2     Eork section / width / length     b3       4.32     Eork section / width / length     b3       4.32     Fork section / width / length     b3       4.34     Aise width for 800 x 1200 pallet lengthways     Ast       4.34     Aise width for 800 x 1200 pallet lengthways     Ast       4.34     Mast tertheed			,
2.2     Weight on front axle (laden) / rear axle (laden)       2.3     Weight on front axle (Unladen)       Wheels	2.1		
2.3     Weight on front axle (Unladen) / rear axle (Unladen)       Meels       3.1     Tires type       2.2     Dimensions of front wheels       3.3     Dimensions of rear wheels       3.7     Rear wheel gauge       Dimensions     how position       4.15     Fork height in low position       4.15     Fork height in low position       4.15     Fork height in low position       4.16     Mast lowered height       4.2     Mast lowered height       4.2.1     Overall width       4.2.2     Forks section / width / length       4.2.3     Ground clearance at centre of wheelbase       4.3.4     A size width for 800 x 1200 pallet lengthways       4.3.4     A size width for 800 x 1200 pallet lengthways       4.4     Mast lifting height       4.5     Mast axtended height       4.4     Mast lifting height       5.7     Gradeability (laden / unladen)       5.2     Lifting speed (laden / unladen)       5.2     Lifting speed (laden / unladen)       5.3     Lowering speed (laden / unladen)       5.7     Gradeability (lades)       5.8     Lowin			
Wheels     Image: Section of the sectin of the section of the section of the section			
3.1     Tires type       3.2     Dimensions of from wheels       3.3     Dimensions of rear wheels       3.5.2     Number of drive wheels / from wheels / rear wheels       3.7     Rear wheel gauge       0     Dimensions       4.15     Fork height in low position       4.19     Overall length       4.20     Length to face of forks       21     Overall width       4.22     Fork section / width / length       4.24     Fork carriage width       4.25     Fork spread       3.5     Ground clearance at centre of wheelbase       4.34     Aisle width for 800 x 1200 pallet lengthways       4.35     Turning radius       4.34     Mast lifting height       4.35     Turning radius       4.4     Mast lifting height       4.5     It are speed (laden / unladen)       5.1     Travel speed (laden / unladen)       5.2     Lifting speed (laden / unladen)       5.1     Parking brake       6.1     Dive motor rating 32 15%       6.3     Battery working / capacity       6.3     Battery working / capacity       6	2.0		
3.2     Dimensions of front wheels       3.3     Dimensions of rear wheels       3.5.2     Number of drive wheels / front wheels / rear wheels       3.7     Rear wheel gauge       Dimensions     bill       Dimensions     hill       4.15     Fork height in low position     hill       4.19     Overall length     lill       4.2     Mast lowered height     lill       4.2.0     Length to face of forks     li2       0verall width     bill     bill       4.2.2     Forks section / width / length     bill       4.2.2     Forks spread     bill       4.3.3     Ground clearance at centre of wheelbase     m2       4.3.4     Aisle width for 800 x 1200 pallet lengthways     Ast       4.3.4     Mast timing height     hill       4.3     Mast extended height     hill       4.4     Mast timing radius     hill       4.5     Mast extended height     hill       4.5     Itravel speed (laden / unladen)     service brake       5.1     Travel speed (laden / unladen)     service brake       5.11     Parking brake     man	31		
3.3     Dimensions of rear wheels       3.5.2     Number of drive wheels / front wheels / rear wheels       3.7     Rear wheel gauge     b11       Dimensions       4.15     Fork height in low position     h13       4.19     Overall length     l1       4.2     Mast lowered height     h1       4.2     Mast lowered height     b1       4.2     Length to face of forks     l2       4.21     Overall width     b3       4.22     Fork carnage width     b3       4.23     Ground clearance at centre of wheelbase     m2       4.34     Aisle width for 800 x 1200 pallet lengthways     Ast       4.34     Mast extended height     h14       4.35     Mast extended height     h3       4.4     Mast extended height     h14       4.5     Mast extended height     h14       4.6     Height iller max.     h14       4.7     Parking brack     is       5.1     Tarwel speed (laden / unladen)     is       5.2     Lift moor rating S2 60 min     is       5.11     Parking brake     is </td <td></td> <td></td> <td></td>			
3.5.2     Number of drive wheels / front wheels / rear wheels       3.7     Rear wheel gauge       Dimensions     b11       4.15     Fork height in low position     h13       4.2     Mast lowered height     l1       4.2     Mast lowered height     l1       4.2     Length to face of forks     l2       4.21     Overall width     b1       4.22     Fork section / width / length     s/s/section       4.24     Fork carriage width     b3       4.25     Fork's spread     b5       4.32     Ground clearance at centre of wheelbase     m2       4.34     Asits width for 800 x 1200 pallet lengthways     Ast       4.35     Tuming radius     Wa       4.4     Mast tiffing height     h3       4.5     Mast extended height     h14       4.9     Height Hiler max.     h14       4.9     Height diden / unladen)     second       5.1     Travel speed (laden / unladen)     second       5.2     Liffting speed (laden / unladen)     second       5.10     Service brake     second       5.11     Parking			
3.7   Rear wheel gauge   b11     Dimensions   1     4.15   Fork height in low position   h13     4.2   Mast lowered height   h11     4.2   Mast lowered height   h11     4.20   Length to face of forks   l2     4.21   Overall width   b1     4.22   Forks section / width / length   b1     4.24   Fork section / width / length   b3     4.25   Forks spread   b3     4.26   Fork system   b3     4.27   Fork section / width / length   b3     4.28   Fork system   b3     4.29   Fork system   b3     4.32   Ground clearance at centre of wheelbase   m2     4.34   Aisle width for 800 x 1200 pallet lengthways   Ast     4.35   Tuming radius   Wa     4.4   Mast lifting height   h3     4.5   Mast extended height   h4     4.9   Height tiller max.   h14     4.9   Height tiller max.   h14     5.1   Travel speed (laden / unladen)   c     5.2   Lift motor ating s2 60 min   c     5.10   Service brake   c     5.11   Paking brake   <			
Dimensions     h13       4.15     Fork height in low position     h13       4.19     Overall length     l1       4.2     Mast lowered height     h1       4.20     Length to face of forks     l2       4.21     Overall width     b1       4.22     Fork section / width / length     s / e /       4.21     Overall width     b3       4.22     Fork carriage width     b3       4.23     Ground clearance at centre of wheelbase     m2       4.34     Aisle width for 800 x 1200 pallet lengthways     Ast       4.35     Tuming radius     Wa       4.4     Mast lifting height     h3       4.5     Mast extended height     h4       4.5     Iting speed (laden / unladen)     lower second       5.1     Travel speed (laden / unladen)     lower second       5.1     Parking brake     lower second       5.1     Parking brake     lower second       5.1     Parking brake     lower second second       5.1     Travel speed (laden / unladen)     lower second s			L11
4.15     Fork height in low position     h13       4.19     Overall length     l1       4.2     Mast lowered height     h1       4.20     Length to face of forks     l2       4.21     Overall width     b1       4.22     Fork section / width / length     s/ e /       4.24     Fork carriage width     b3       4.25     Forks spread     b5       4.32     Ground clearance at centre of wheelbase     m2       4.34     Aisle width for 800 x 1200 pallet lengthways     Ast       4.35     Turning radius     Wa       4.4     Mast Lifting height     h3       4.5     Mast extended height     h14       4.9     Height Iller max.     h14 <b>Performances</b> 1     1       5.1     Tarwel speed (laden / unladen)     1       5.2     Lifting speed (laden / unladen)     1       5.10     Service brake     1       5.11     Parking brake     1       6.1     Drive motor rating s2 60 min     1       6.2     Lift motor rating s2 515%     1       6.3     Battey wei	3.7		DIT
4.19     Overall length     11       4.2     Mast lowered height     h1       4.20     Length to face of forks     12       4.21     Overall width     b1       4.22     Fork section / width / length     s / e /       4.24     Fork carriage width     b3       4.25     Forks spread     b5       4.32     Ground clearance at centre of wheelbase     m2       4.34     Aisle width for 800 x 1200 pallet lengthways     Ast       4.34     Aisle width for 800 x 1200 pallet lengthways     Ast       4.34     Mast lifting height     h3       4.5     Mast extended height     h14       4.9     Height tiller max.     h14       4.9     Height tiller max.     h14       4.9     Height tiller max.     h14       5.1     Travel speed (laden / unladen)	4 15		h10
4.2     Mast lowered height     h1       4.20     Length to face of forks     12       4.21     Overall width     b1       4.22     Forks section / width / length     s / e /       4.24     Fork section / width / length     b3       4.25     Forks spread     b3       4.32     Ground clearance at centre of wheelbase     m2       4.34     Aisle width for 800 x 1200 pallet lengthways     Ast       4.35     Turning radius     Wa       4.4     Mast lifting height     h3       4.5     Mast extended height     h4       4.9     Height tiller max.     h14 <b>Performances</b> 1     1       5.1     Travel speed (laden / unladen)     1       5.2     Lifting speed (laden / unladen)     1       5.3     Lowering speed (laden / unladen)     1       5.7     Gradeability (laden / unladen)     1       5.10     Service brake     1       5.11     Parking brake     1       6.1     Drive motor rating \$2.60 min     1       6.2     Lift motor rating \$153/155/36 A, B, C     1			
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4.9     Height tiller max.     h14       Performances     1       5.1     Travel speed (laden / unladen)     1       5.2     Lifting speed (laden / unladen)     1       5.3     Lowering speed (laden / unladen)     1       5.7     Gradeability (laden / unladen)     1       5.10     Service brake     1       5.11     Parking brake     1       6.1     Drive motor rating \$2 60 min     1       6.2     Lift motor rating at \$3 15%     1       6.3     Battery according to DIN 43531/35/36 A, B, C     1       6.4     Battery voltage / capacity     1       6.5     Battery weight (+/- 5%)     1       Miscellaneous     1     1       8.1     Type of drive control     1			
Performances       5.1     Travel speed (laden / unladen)       5.2     Lifting speed (laden / unladen)       5.3     Lowering speed (laden / unladen)       5.7     Gradeability (laden / unladen)       5.10     Service brake       5.11     Parking brake       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Miscellaneous       8.1     Type of drive control		•	
5.1     Travel speed (laden / unladen)       5.2     Lifting speed (laden / unladen)       5.3     Lowering speed (laden / unladen)       5.7     Gradeability (laden / unladen)       5.10     Service brake       5.11     Parking brake       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Miscellaneous       8.1     Type of drive control	4.9		h14
5.2     Lifting speed (laden / unladen)       5.3     Lowering speed (laden / unladen)       5.7     Gradeability (laden / unladen)       5.10     Service brake       5.11     Parking brake       Engine       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Miscellaneous       8.1     Type of drive control			
5.3     Lowering speed (laden / unladen)       5.7     Gradeability (laden / unladen)       5.10     Service brake       5.11     Parking brake       Engine       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Miscellaneous       8.1     Type of drive control			
5.7     Gradeability (laden / unladen)       5.10     Service brake       5.11     Parking brake       Engine       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Image: Control			
5.10     Service brake       5.11     Parking brake       Engine       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Miscellaneous       8.1     Type of drive control			
5.11   Parking brake     Engine   Image: Comparison of the system			
Engine       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.3     Battery according to DIN 43531/35/36 A, B, C       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous     Miscellaneous       8.1     Type of drive control			
6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       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	5.11		
6.2     Lift motor rating at S3 15%       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			
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		·	
6.4   Battery voltage / capacity     6.5   Battery weight (+/- 5%)     Miscellaneous     8.1   Type of drive control		-	
6.5   Battery weight (+/- 5%)     Miscellaneous     8.1   Type of drive control			
Miscellaneous         8.1       Type of drive control			
8.1 Type of drive control	6.5		
ALL CONTRACTOR OF			
8.4 Measured/guaranteed mean noise level at the ear of the operator	8.1	Type of drive control	
·	8.4	Measured/guaranteed mean noise level at the ear of the operator	

	Metric
	Manitou
	CI 12 PF
	Electrical
-	Carried
Q	1200 kg
с	600 mm
x	240 mm
у	1530 mm
	1700 სა
	1780 kg
	472 kg / 2508 kg 650 kg / 1130 kg
	050 kg / 1150 kg
	Pandaga
	Bandage 200 x 75
	250 x 100
	1/1/2
11	665 mm
	003 1111
13	50 mm
1	3108 mm
1	1980 mm
2	1958 mm
01	800 m
e / I	45 mm x 100 mm x 1150 mm
53	790 mm
5	730 mm
n2	50 mm
st	3437 mm
Va	1742 mm
13	1450 mm
14	1980 mm
14	1212 mm
	9 km/h / 11 km/h
	0.08 m/s / 0.18 m/s
	0.12 m/s / 0.11 m/s
	6 % / 10 %
	Electro magnetic
	Butterfly switch release
	2 kW
	2 kW
	DIN 43535-B
	24 V / 620 Ah
	490 kg
	AC Mosfet Variator
	< 66 dB

## CI 12 PF - Dimensional drawing



## CITZPF Created on June 17, 2025 at 10:33 PM UTC



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