Technical sheet:

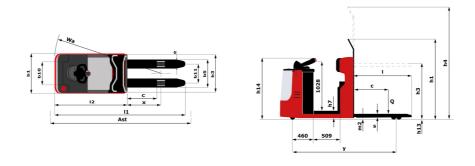
## **CI 20**





		<b>C120</b> (1	eated on May 6, 2024 at 1.41.17 PM 01
	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		CI 20
1.3	Power source		Electrical
1.4	Operator type		Carried
1.5	Max. capacity	Q	2000 kg
1.6	Load center of gravity	С	600 mm
1.8	Load distance, centre of drive axle to fork	x	949 mm
1.9	Wheelbase	У	2194 mm
	Weight		
2.1	Service weight		1450 kg
2.2	Weight on front axle (laden) / rear axle (laden)		1298 kg / 2152 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		928 kg / 522 kg
	Wheels		3 3
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		254 x 100
3.3	Dimensions of rear wheels		85 x 90
3.4	Additional wheels (dimensions)		140 x 50
3.5.2	Number of drive wheels / front wheels / rear wheels		1x + 2 / 4
3.6	Front wheel gauge	b10	505 mm
3.7	Rear wheel gauge	b11	370 mm
0.7	Dimensions	511	570 Hilli
4.8	Platform height	h7	130 mm
4.15	Fork height in low position	h13	85 mm
4.19	Overall length	I1	2602 mm
4.20	Length to face of forks	12	1432 mm
4.21	Overall width - Single wheels	b1	800 mm
4.21	Overall width	b1	800 m
4.21	Forks section / width / length	s / e / l	45 mm x 170 mm x 1150 mm
4.25	Fork spread	b5	540 mm
4.32	Ground clearance at centre of wheelbase	m2	40 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2851 mm
4.35	Tuming radius	Wa	2400 mm
4.33	Mast lifting height	h3	210 mm
4.9	Height tiller max.	h14	1212 mm
4.7	Performances	1114	1212 11111
5.1	Travel speed (laden / unladen)		9 km/h / 12 km/h
5.2	Lifting speed (laden / unladen)		0.10 m/s / 0.15 m/s
5.2			0.10 m/s / 0.10 m/s
5.7	Lowering speed (laden / unladen)		6 % / 10 %
5.7	Gradeability (laden / unladen)		
	Service brake		Electro magnetic
5.11	Parking brake		Butterfly switch release
6.1	Engine		21:30
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		Traction
6.4	Battery voltage / capacity		24 V / 465 Ah
6.5	Battery weight (+/- 5%)		435 kg
0.1	Miscellaneous		, <u>-</u>
8.1	Type of drive control		AC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 70 dB

## Cl 20 - 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