Technical sheet :

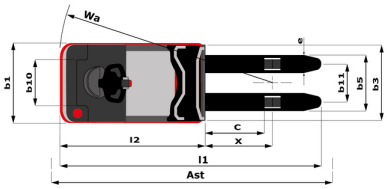
CI 20

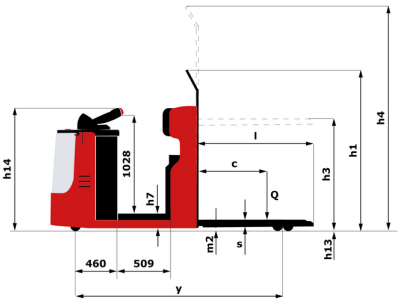


MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		CI 20	CI 20
1.3	Power source		Electrical	Electrical
1.4	Operator type		Scope	Scope
1.5	Max. capacity	Q	2000 kg	4409 lb
1.6	Load center of gravity	c	600 mm	24 in
1.8	Load distance, centre of drive axle to fork	x	949 mm	37 in
1.9	Wheelbase	y	2194 mm	86 in
	Weight			
2.1	Service weight		1450 kg	3197 lb
2.2	Weight on front axle (laden) / rear axle (laden)		1298 kg / 2152 kg	2862 lb / 4744 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		928 kg / 522 kg	2046 lb / 1151 lb
	Wheels			
3.1	Tires type		Bandage	Bandage
3.2	Dimensions of front wheels		254 x 100	254 x 100
3.3	Dimensions of rear wheels		85 x 90	85 x 90
3.4	Additional wheels (dimensions)		140 x 50	140 x 50
3.5.2	Number of drive wheels / front wheels / rear wheels		1x + 2 / 4	1x + 2 / 4
3.6	Front wheel gauge	b10	505 mm	20 in
3.7	Rear wheel gauge	b11	370 mm	15 in
	Dimensions			
4.8	Platform height	h7	130 mm	5 in
4.15	Fork height in low position	h13	85 mm	3 in
4.19	Overall length	l1	2602 mm	102 in
4.20	Length to face of forks	l2	1432 mm	56 in
4.21	Overall width - Single wheels	b1	800 mm	31 in
4.21	Overall width	b1	800 m	2624 ft 8 in
4.22	Forks section / width / length	s / e / l	45 mm x 170 mm x 1150 mm	2 in x 7 in x 45 in
4.25	Fork spread	b5	540 mm	21 in
4.32	Ground clearance at centre of wheelbase	m2	40 mm	2 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2851 mm	112 in
4.35	Turning radius	Wa	2400 mm	94 in
4.4	Mast lifting height	h3	210 mm	8 in
4.9	Height tiller max.	h14	1212 mm	48 in
	Performances			
5.1	Travel speed (laden / unladen)		9 km/h / 12 km/h	6 mph / 7 mph
5.2	Lifting speed (laden / unladen)		0.10 m/s / 0.15 m/s	0.33 ft/s / 0.49 ft/s
5.3	Lowering speed (laden / unladen)		0.13 m/s / 0.10 m/s	0.43 ft/s / 0.33 ft/s
5.7	Gradeability (laden / unladen)		6 % / 10 %	6 % / 10 %
5.10	Service brake		Electro magnetic	Electro magnetic
5.11	Parking brake		Butterfly switch release	Butterfly switch release
	Engine			
6.1	Drive motor rating S2 60 min		2 kW	2 kW
6.2	Lift motor rating at S3 15%		2 kW	2 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		Traction	Traction
6.4	Battery voltage / capacity		24 V / 465 Ah	24 V / 465 Ah
6.5	Battery weight (+/- 5%)		435 kg	959 lb
	Miscellaneous			
8.1	Type of drive control		AC	AC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 70 dB	< 70 dB

CI 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



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