

Technical sheet :

CI 10



Technical characteristics		Metric	
1.1	Manufacturer		MANITOU
1.2	Model Name		CI 10
1.3	Power source		Electrical
1.4	Operator type		Carried
1.5	Max. capacity	Q	1000 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	680 mm
1.9	Wheelbase	y	1950 mm
Weight			
2.1	Service weight		1400 kg
2.2	Weight on front axle (laden) / rear axle (laden)		946 kg / 1454 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		896 kg / 504 kg
Wheels			
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		254x100 mm
3.3	Dimensions of rear wheels		85x90 mm
3.5.2	Number of drive wheels / front wheels / rear wheels		1 / 2 / 4
3.6	Front wheel gauge	b10	505 mm
3.7	Rear wheel gauge	b11	380 mm
Dimensions			
4.8	Platform height	h7	130 mm
4.15	Fork height in low position	h13	80 mm
4.19	Overall length	l1	2628 mm
4.2	Mast lowered height	h1	1625 mm
4.20	Length to face of forks	l2	1458 mm
4.21	Overall width - Single wheels	b1	800 mm
4.21	Overall width	b1	800 mm
4.22	Forks section / width / length	s / e / l	60 mm x 180 mm x 1170 mm
4.24	Fork carriage width	b3	760 mm
4.25	Forks spread	b5	560 mm
4.32	Ground clearance at centre of wheelbase	m2	20 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2878 mm
4.35	Turning radius	Wa	2158 mm
4.4	Mast lifting height	h3	800 mm
4.5	Mast extended height	h4	2345 mm
4.9	Height tiller max.	h14	1212 mm
Performances			
5.1	Travel speed (laden / unladen)		10 km/h / 12 km/h
5.2	Lifting speed (laden / unladen)		0.08 m/s / 0.12 m/s
5.3	Lowering speed (laden / unladen)		0.14 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 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
Miscellaneous			
8.1	Type of drive control		AC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 70 dB

CI 10 - Dimensional drawing





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