

Technical sheet :

CI 20



| | 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 | c | 600 mm |
| 1.8 | Load distance, centre of drive axle to fork | x | 949 mm |
| 1.9 | Wheelbase | y | 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 | | |
| 3.1 | Tires type | | Bandage |
| 3.2 | Dimensions of front wheels | | 254 x 100 |
| 3.3 | Dimensions of rear wheels | | 85 x 90 |
| 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 | 370 mm |
| | Dimensions | | |
| 4.8 | Platform height | h7 | 130 mm |
| 4.15 | Fork height in low position | h13 | 85 mm |
| 4.19 | Overall length | l1 | 2602 mm |
| 4.20 | Length to face of forks | l2 | 1432 mm |
| 4.21 | Overall width - Single wheels | b1 | 800 mm |
| 4.21 | Overall width | b1 | 800 m |
| 4.22 | Forks section / width / length | s / e / l | 45 mm x 170 mm x 1150 mm |
| 4.25 | Forks 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 | Turning radius | Wa | 2400 mm |
| 4.4 | Mast lifting height | h3 | 210 mm |
| 4.9 | Height tiller max. | h14 | 1212 mm |
| | Performances | | |
| 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 |
| 5.3 | Lowering speed (laden / unladen) | | 0.13 m/s / 0.10 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 20 - Dimensional drawing



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