Technical sheet :



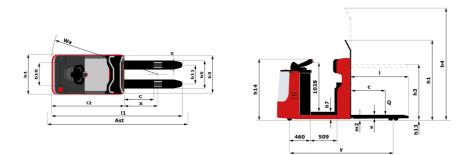




| Technical characteristics | | |
|---|--|--|
| Manufacturer | | |
| Model Name | | |
| Power source | | |
| Operator type | | |
| Max. capacity | | |
| Load center of gravity | | |
| Load distance, centre of drive axle to fork | | |
| Wheelbase | | |
| Weight | | |
| Service weight | | |
| Weight on front axle (laden) / rear axle (laden) | | |
| Weight on front axle (Unladen) / rear axle (Unladen) | | |
| Wheels | | |
| Tires type | | |
| Dimensions of front wheels | | |
| Dimensions of rear wheels | | |
| Number of drive wheels / front wheels / rear wheels | | |
| Front wheel gauge | | |
| Rear wheel gauge | | |
| Dimensions | | |
| Platform height | | |
| Fork height in low position | | |
| Overall length | | |
| Length to face of forks | | |
| | | |
| Overall width - Single wheels Overall width | | |
| | | |
| Forks section / width / length | | |
| Forks spread | | |
| Ground clearance at centre of wheelbase | | |
| Aisle width for 800 x 1200 pallet lengthways | | |
| Turning radius | | |
| Mast lifting height | | |
| Height tiller max. | | |
| Performances | | |
| Travel speed (laden / unladen) | | |
| Lifting speed (laden / unladen) | | |
| Lowering speed (laden / unladen) | | |
| Gradeability (laden / unladen) | | |
| Service brake | | |
| Parking brake | | |
| Engine | | |
| Drive motor rating S2 60 min | | |
| Lift motor rating at S3 15% | | |
| Battery according to DIN 43531/35/36 A, B, C | | |
| Battery voltage / capacity | | |
| Battery weight (+/- 5%) | | |
| Miscellaneous | | |
| Type of drive control | | |
| Measured/guaranteed mean noise level at the ear of the operator | | |

| MetricManitouCl 20Cl 20ElectricalCarriedQ2000 kgc600 mmx949 mmy2194 mmy2194 mmy2194 mma1450 kg1298 kg / 522 kgaBandage254 x 100S5 x 901 / 2 / 4b10505 mmb11370 mmh7130 mmh13255 xm112602 mm12130 mmb1800 ms / e / 145 mm x 170 mm x 1150 mmb1800 ms / e / 145 mm x 170 mm x 1150 mmb1800 ms / e / 145 mm x 170 mm x 1150 mmb1B1800 ms / e / 145 mm x 170 mm x 1150 mmb1b1800 mb19 km/h / 12 km/h0.10 m/s / 0.15 m/s112 kW2 k | | CI 20 | Created on June 17, 2025 at 8:20 PM UTC |
|--|-----|-------|---|
| Cl 20Cl 20CarriedCarriedCarriedCarriedCarriedCarriedCarried600 mmx949 mmy2194 mmy1450 kg1298 kg / 2152 kg928 kg / 522 kg928 kg / 522 kg928 kg / 522 kg1298 kg / 2152 kg928 kg / 522 kg1200 kg1210 kg1210 kg12111221130 mmh131385 mm112602 mm121432 mmb1800 ms / e / l45 mm x 170 mm x 1150 mmb1b1800 ms / e / l45 mm x 170 mm x 1150 mmb1b1b1b26 k/ nm x 1150 mmm240 mmAst2851 mmWa2400 mmh3210 mmh141212 mmMa6 k/ n0 k13 m/s / 0.10 m/s6 k/ 10 k14 c2 kW2 kg2 kg40 kg14 c15 c16 c | | | Metric |
| ElectricalQCarriedQ2000 kgc600 mmx949 mmy2194 mmy2194 mmy2192 kg / 2152 kg1288 kg / 2152 kg254 x 10085 x 901 / 2 / 4b10505 mmb10505 mmh7130 mmh1385 mm112602 mm121432 mmb1800 ms / e / 145 mm x 170 mm x 1150 mmb1800 ms / e / 145 mm x 170 mm x 1150 mmh3210 mmh141212 mmh3210 mmh141212 mmc440 mmc6 % / 10 %c1.1 mx / 0.15 m/sc0.13 m/s / 0.10 m/sc2 kW2 kW< | | | Manitou |
| Q Carried Q 2000 kg c 600 mm x 949 mm y 2194 mm y 2192 kg / 2152 kg 928 kg / 2152 kg 928 kg / 2152 kg 928 kg / 522 kg 328 kg / 522 kg Bandage 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm h7 130 mm h13 85 mm 11 2602 mm 12 1432 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm h7 130 mm h14 210 mm h14 212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % <th></th> <th></th> <th>CI 20</th> | | | CI 20 |
| Q 2000 kg c 600 mm x 949 mm y 2194 mm y 2192 kg / 2152 kg 928 kg / 2152 kg 928 kg / 522 kg 928 kg / 522 kg 928 kg / 522 kg b10 85 x 90 1 / 2 / 4 600 mm b10 505 mm b11 370 mm h7 130 mm h13 85 mm 11 2602 mm 12 1432 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm mA 2851 mm Ma 2400 mm h3 210 mm h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.10 m/s h3 210 mm h3 210 mm h3 210 mm h3 210 mm 14 121 kg | | | Electrical |
| с 600 mm x 949 mm y 2194 mm y 2192 kg / 2152 kg 928 kg / 2152 kg 928 kg / 2152 kg 928 kg / 522 kg 928 kg / 522 kg Bandage 254 x 100 85 x 90 1 / 2 / 4 b10 605 mm b11 370 mm h7 130 mm h13 85 mm 11 2602 mm 12 1432 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 121 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW | | | Carried |
| x 949 mm y 2194 mm (1450 kg 1298 kg / 2152 kg 928 kg / 522 kg 928 kg / 522 kg 1298 kg / 522 kg 8andage 254 x 100 85 x 90 1/2 / 4 505 mm 505 mm 50 | Q | | 2000 kg |
| y 2194 mm 1450 kg 1298 kg / 2152 kg 928 kg / 522 kg 928 kg / 522 kg 8andage 254 x 100 85 x 90 1 / 2 / 4 b10 b10 b10 b10 b10 b10 b10 b10 | С | | 600 mm |
| 1450 kg 1298 kg / 2152 kg 928 kg / 522 kg 8andage 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm h7 h3 12 1432 mm b1 800 m b1 800 m b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa Ast 2851 mm Wa 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW <td< th=""><th>х</th><th></th><th>949 mm</th></td<> | х | | 949 mm |
| 1298 kg / 2152 kg 928 kg / 522 kg 8andage 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm 1 / 2 / 4 b10 b11 370 mm 1 / 2 / 4 b11 370 mm 11 2602 mm 11 2602 mm 11 2602 mm 11 2602 mm 12 1432 mm b1 800 m s1 800 m s2 / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 14 121 mm 9 km/h / 12 km/h 0.10 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW < | у | | 2194 mm |
| 1298 kg / 2152 kg 928 kg / 522 kg 928 kg / 522 kg 8andage 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm 1 / 2 / 4 b10 505 mm b11 370 mm 11 2 370 mm 13 85 mm 11 2602 mm 12 1432 mm b1 800 m b1 800 m s1 800 m s2 (P / 1) 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa Ast 210 mm h14 121 mm 9 km/h / 12 km/h 0.10 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release | | | |
| 928 kg / 522 kg Bandage 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm h7 h3 11 2602 mm 12 1430 mm b1 85 mm 11 2602 mm 12 1432 mm b1 800 m s1 800 m s2 400 mm Ast 2851 mm Wa Ast 2851 mm Wa 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 435 kg <th></th> <th></th> <th>1450 kg</th> | | | 1450 kg |
| Bandage 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm h7 h3 85 mm 11 2602 mm 143 85 mm 11 2602 mm 12 1432 mm b1 800 m s / e / 1 45 5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 121 mm Butterfly switch release 2 kW </th <th></th> <th></th> <th></th> | | | |
| 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm 1 40 h7 h3 85 mm 11 2602 mm 12 1432 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 3 kg 435 kg </th <th></th> <th></th> <th>928 kg / 522 kg</th> | | | 928 kg / 522 kg |
| 254 x 100 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm 1 40 h7 h3 85 mm 11 2602 mm 142 1432 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 3 kg 435 kg < | | | |
| 85 x 90 1 / 2 / 4 b10 505 mm b11 370 mm h7 130 mm h13 85 mm 11 2602 mm 12 1432 mm b1 800 m b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b3 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h14 1212 mm b1 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 2 kW 2 kW 3 kg 3 kg | | | |
| 1 / 2 / 4 b10 505 mm b11 370 mm h7 130 mm h13 85 mm l1 2602 mm l2 1432 mm b1 800 m b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h14 1212 mm b1 0.10 m/s / 0.15 m/s 0.10 m/s / 0.15 m/s 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 3 kg 24 V / 465 Ah | | | |
| b10 505 mm b11 370 mm h7 130 mm h13 85 mm l1 2602 mm l2 1432 mm b1 800 mm b1 800 m s/e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h14 1212 mm b1 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.10 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | | | |
| b11 370 mm h7 130 mm h13 85 mm l1 2602 mm l2 1432 mm b1 800 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h14 1212 mm b1 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | | | |
| h7 130 mm h13 85 mm h13 85 mm l1 2602 mm l2 1432 mm b1 800 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm Ma 2100 mm h14 1210 mm b1 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | | | |
| h13 85 mm l1 2602 mm l2 1432 mm b1 800 m b1 800 m s/e/l 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm Ma 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | b11 | _ | 370 mm |
| h13 85 mm l1 2602 mm l2 1432 mm b1 800 m b1 800 m s/e/l 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm Ma 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | 1.7 | | 100 |
| 11 2602 mm 12 1432 mm b1 800 mm b1 800 m s/e/l 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | | | |
| 12 1432 mm b1 800 mm b1 800 m s/e/l 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm 0.10 m/s / 0.15 m/s 0.10 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release Butterfly switch release 2 kW 2 kW 2 kW 435 kg 435 kg | | | |
| b1 800 mm b1 800 m s / e / 1 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 24 V / 465 Ah 435 kg A35 kg AC | | | |
| b1 800 m s / e / I 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm B km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 24 V / 465 Ah 435 kg | | | |
| s / e / 1 b5 45 mm x 170 mm x 1150 mm b5 540 mm m2 40 mm Ast 2851 mm Wa Ast 2851 mm Wa 2400 mm h3 210 mm h14 212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 7 traction 24 kV / 465 Ah 435 kg AC | | | |
| b5 540 mm m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm H14 1212 mm H14 9 km/h / 12 km/h H14 0.10 m/s / 0.15 m/s H14 1212 mm H15 10 m/s / 0.10 m/s H14 12 km/h H15 10 % Electro magnetic Butterfly switch release Butterfly switch release 2 kW 2 kW 2 kW 12 kW 2 kW 12 kW 435 kg H15 AC | | | |
| m2 40 mm Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 2 kW 435 kg 435 kg | | | |
| Ast 2851 mm Wa 2400 mm h3 210 mm h14 1212 mm H14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 435 kg AC | | | |
| Wa 2400 mm h3 210 mm h14 1212 mm h14 1212 mm 9 km/h / 12 km/h 0.00 m/s / 0.15 m/s 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 2 kW 4 V / 465 Ah 435 kg AC AC | | | |
| h3 210 mm h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 1 raction 24 V / 465 Ah 435 kg | | | |
| h14 1212 mm 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW 2 kW 1 Carton 24 V / 465 Ah 435 kg AC | | | |
| 9 km/h / 12 km/h 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW Traction 24 V / 465 Ah 435 kg | | | |
| 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW Traction 24 V / 465 Ah 435 kg AC | | | |
| 0.10 m/s / 0.15 m/s 0.13 m/s / 0.10 m/s 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW Traction 24 V / 465 Ah 435 kg AC | | | 9 km/h / 12 km/h |
| 6 % / 10 % Electro magnetic Butterfly switch release 2 kW 2 kW Traction 24 V / 465 Ah 435 kg | | | |
| Electro magnetic Butterfly switch release 2 kW 2 kW Traction 24 V / 465 Ah 435 kg AC | | | 0.13 m/s / 0.10 m/s |
| Butterfly switch release 2 kW 2 kW Traction 24 V / 465 Ah 435 kg AC | | | 6 % / 10 % |
| 2 kW 2 kW Traction 24 V / 465 Ah 435 kg AC | | | Electro magnetic |
| 2 kW Traction 24 V / 465 Ah 435 kg AC | | | Butterfly switch release |
| 2 kW Traction 24 V / 465 Ah 435 kg AC | | | |
| Traction 24 V / 465 Ah 435 kg AC | | | 2 kW |
| 24 V / 465 Ah 435 kg AC | | | 2 kW |
| 435 kg AC | | | Traction |
| AC | | | 24 V / 465 Ah |
| | | | 435 kg |
| | | | |
| ~ 70 dp | | | |
| < /U UB | | | < 70 dB |

CI 20 - Dimensional drawing







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