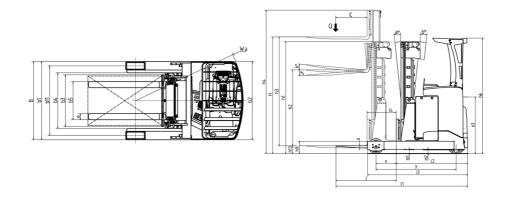
Technical sheet:

ER 14



| | ER 14 Cleated on Julie 17, 2025 at 11:36 AM UTC | | | | | | |
|--------|--|-----------|--------------------------|--|--|--|--|
| | Technical characteristics | | Metric | | | | |
| 1.1 | Manufacturer | | MANITOU | | | | |
| 1.2 | Model Name | | ER 14 | | | | |
| 1.3 | Power source | | Electrical | | | | |
| 1.4 | Operator type | | Seated | | | | |
| 1.5 | Max. capacity | Q | 1400 kg | | | | |
| 1.6 | Load center of gravity | C | 600 mm | | | | |
| 1.8 | Load distance, centre of drive axle to fork | X | 307 mm | | | | |
| 1.9 | Wheelbase | у | 1378 mm | | | | |
| | Weight | | | | | | |
| 2.1 | Service weight | | 2710 kg | | | | |
| | Wheels | | | | | | |
| 3.1 | Tires type | | Vulkollan | | | | |
| 3.5.2 | Number of drive wheels - Size of drive wheels | | 1 x 355 x 155 | | | | |
| 3.3 | Number of load wheels - Size of load wheels | | 2 x 220 x 85 | | | | |
| 3.5 | Number of front wheels / rear wheels | | 1/2 | | | | |
| 3.6 | Front wheel gauge | b10 | 0 mm | | | | |
| 3.7 | Rear wheel gauge | b11 | 995 mm | | | | |
| 3.7 | Dimensions | 511 | 333 mm | | | | |
| 4.7 | Height of overhead guard (cabin) | h6 | 2205 mm | | | | |
| 4.8 | Seat height/stand height | h7 | 1077 mm | | | | |
| 4.19 | Overall length | 11 | 2413 mm | | | | |
| 4.19 | Length to face of forks | 12 | 1263 mm | | | | |
| 4.20 | Overall width | b1 | 1120 mm | | | | |
| 4.21 | Forks section / width / length | s / e / l | 40 mm x 100 mm / 1150 mm | | | | |
| 4.22 | | \$7 671 | 2A | | | | |
| 4.25 | Fork carriage ISO 2328 (class/form) A/B Distance between wheel arms/loading surfaces | b4 | 900 mm | | | | |
| 4.25.1 | Width over forks min. / max. | b5 | 316 mm / 697 mm | | | | |
| 4.25.1 | | m2 | 70 mm | | | | |
| | Ground clearance at centre of wheelbase | IIIZ | 2701 mm | | | | |
| 4.33 | Aisle width for 1000 x 1200 pallet lengthways | A-4 | | | | | |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 2768 mm | | | | |
| 4.35 | Turning radius | Wa | 1598 mm | | | | |
| 5.1 | Performances | | 10.001 (1.410.501 (1. | | | | |
| 5.1 | Travel speed (laden / unladen) | | 12.30 km/h / 12.50 km/h | | | | |
| 5.2 | Lifting speed (laden / unladen) | | 0.49 m/s / 0.65 m/s | | | | |
| 5.3 | Lowering speed (laden / unladen) | | 0.59 m/s / 0.55 m/s | | | | |
| 5.4.1 | Reach speed (with load / without load) | | 0.20 m/s / 0.20 m/s | | | | |
| 5.7 | Gradeability (laden / unladen) | | 7.50 % / 11.10 % | | | | |
| 5.10 | Service brake | | Electric | | | | |
| | Engine | | | | | | |
| 6.1 | Drive motor rating S2 60 min | | 5.90 kW | | | | |
| 6.2 | Lift motor rating at S3 15% | | 11 kW | | | | |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | | DIN43531 B | | | | |
| 6.4 | Battery voltage / capacity | | 48 V / 465 Ah | | | | |
| 6.5 | Battery weight (+/- 5%) | | 731 kg | | | | |
| | Miscellaneous | | | | | | |
| 8.1 | Type of drive control | | Electronic | | | | |
| 8.3 | Oil flow rate for attachments | | 25 I/min | | | | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 57.40 dB | | | | |

ER 14 - Dimensional drawing



Characteristics of masts and residual capacities

| Free Lift Triplex (FLT) | FLT 48 | FLT 54 | FLT 57 | FLT 63 | FLT 68 | FLT 73 | |
|--|--------|--------|--------|--------|--------|--------|------|
| α - Mast/fork carriage tilt, forward | | 3 | 3 | 3 | 3 | 3 | 3 |
| β - Mast/fork carriage tilt, backward | ۰ | 1 | 1 | 1 | 1 | 1 | 1 |
| h1 - Mast lowered height | mm | 2140 | 2340 | 2440 | 2640 | 2790 | 2957 |
| h2 - Mast free lift | mm | 1600 | 1800 | 1900 | 2100 | 2250 | 2417 |
| h3 - Mast lifting height | mm | 4800 | 5400 | 5700 | 6300 | 6800 | 7300 |
| h4 - Mast extended height | mm | 5380 | 5980 | 6280 | 6880 | 7330 | 7830 |
| Residual capacity with integrated side shift at max heigth | kg | 1400 | 1400 | 1400 | 1000 | 700 | |





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