Technical sheet :



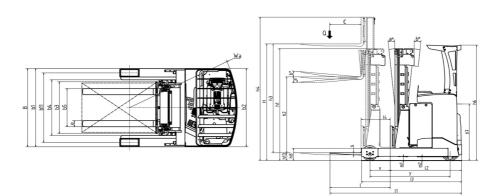


| | Technical characteristics | |
|--------|---|-----------|
| 1.1 | Manufacturer | |
| 1.2 | Model Name | |
| 1.3 | Power source | |
| 1.4 | Operator type | |
| 1.5 | Max. capacity | Q |
| 1.6 | Load center of gravity | С |
| 1.8 | Load distance, centre of drive axle to fork | х |
| 1.9 | Wheelbase | У |
| | Weight | |
| 2.1 | Service weight | |
| | Wheels | |
| 3.1 | Tires type | |
| 3.5.2 | Number of drive wheels - Size of drive wheels | |
| 3.3 | Number of load wheels - Size of load wheels | |
| 3.5 | Number of front wheels / rear wheels | |
| 3.6 | Front wheel gauge | b10 |
| 3.7 | Rear wheel gauge | b11 |
| | Dimensions | |
| 4.8 | Seat height/stand height | h7 |
| 4.19 | Overall length | 11 |
| 4.20 | Length to face of forks | 12 |
| 4.21 | Overall width | b1 |
| 4.22 | Forks section / width / length | s / e / l |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | |
| 4.26 | Distance between wheel arms/loading surfaces | b4 |
| 4.25.1 | Width over forks min. / max. | b5 |
| 4.32 | Ground clearance at centre of wheelbase | m2 |
| 4.33 | Aisle width for 1000 x 1200 pallet lengthways | |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast |
| 4.35 | Tuming radius | Wa |
| 4.7 | Height of overhead guard (cabin) | h6 |
| | Performances | |
| 5.1 | Travel speed (laden / unladen) | |
| 5.2 | Lifting speed (laden / unladen) | |
| 5.3 | Lowering speed (laden / unladen) | |
| 5.4.1 | Reach speed (with load / without load) | |
| 5.7 | Gradeability (laden / unladen) | |
| 5.10 | Service brake | |
| | Engine | |
| 6.1 | Drive motor rating S2 60 min | |
| 6.2 | Lift motor rating at S3 15% | |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | |
| 6.4 | Battery voltage / capacity | |
| 6.5 | Battery weight (+/- 5%) | |
| | Miscellaneous | |
| 8.1 | Type of drive control | |
| 8.3 | Oil flow rate for attachments | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | |
| | | |

| ER 14 | Created on | August | 13, | 2025 | at | 12:25 | AM | UTC | |
|-------|------------|--------|-----|------|----|-------|----|-----|--|
|-------|------------|--------|-----|------|----|-------|----|-----|--|

| Metric |
|--------------------------|
| MANITOU |
| ER 14 |
| Electrical |
| Seated |
| 1400 kg |
| 600 mm |
| 307 mm |
| 1378 mm |
| 1370 1111 |
| 2710 kg |
| 2710 Kg |
| Vulkollan |
| 1 x 355 x 155 |
| 2 x 220 x 85 |
| 1/2 |
| 0 mm |
| 995 mm |
| |
| 1077 mm |
| 2413 mm |
| 1263 mm |
| 11203 mm |
| 40 mm x 100 mm / 1150 mm |
| 2A |
| 900 mm |
| 316 mm / 697 mm |
| 70 mm |
| 2701 mm |
| 2768 mm |
| 1598 mm |
| 2205 mm |
| 2203 11111 |
| 12.30 km/h / 12.50 km/h |
| 0.49 m/s / 0.65 m/s |
| 0.59 m/s / 0.55 m/s |
| 0.20 m/s / 0.20 m/s |
| 7.50 % / 11.10 % |
| Electric |
| |
| 5.90 kW |
| 11 kW |
| DIN43531 B |
| 48 V / 465 Ah |
| 731 kg |
| |
| Electronic |
| 25 I/min |
| 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 | ۰ | 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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