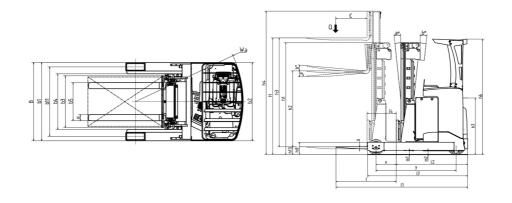
Technical sheet:

ER 12



| 1.1 Manufac 1.2 Model N 1.3 Power sc 1.4 Operator 1.5 Max. cal 1.6 Load cet 1.8 Load dis 1.9 Wheelba Weight 2.1 Service w Wheels 3.1 Tires typ | urce type acity ter of gravity ance, centre of drive axle to fork see | Q c x y | Metric Manitou ER 12 Electrical - Lead Seated 1200 kg 600 mm 335 mm 1378 mm | |
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| Wheels 3.1 Tires typ | | | 2580 kg | |
| 3.1 Tires typ | | | | |
| ,, | | | | |
| 3.5.2 Number | | | Vulkollan | |
| | 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 wh | el gauge | b10 | 0 mm | |
| 3.7 Rear who | el gauge | b11 | 995 mm | |
| Dimensi | ons | | | |
| 4.8 Seat hei | ht/stand height | h7 | 1077 mm | |
| 4.19 Overall le | ngth | l1 | 2413 mm | |
| 4.20 Length to | face of forks | 12 | 1263 mm | |
| 4.21 Overall v | idth | b1 | 1120 mm | |
| 4.22 Forks se | ction / width / length | s / e / l | 40 mm x 100 mm / 1150 mm | |
| 4.23 Fork care | age ISO 2328 (class/form) A/B | | 2A | |
| 4.26 Distance | between wheel arms/loading surfaces | b4 | 900 mm | |
| 4.25.1 Width ov | er forks min. / max. | b5 | 316 mm / 697 mm | |
| 4.32 Ground of | learance at centre of wheelbase | m2 | 70 mm | |
| 4.33 Aisle wi | th for 1000 x 1200 pallet lengthways | | 2694 mm | |
| 4.34 Aisle wie | th for 800 x 1200 pallet lengthways | Ast | 2751 mm | |
| 4.35 Turning | adius | Wa | 1598 mm | |
| 4.7 Height o | overhead guard (cabin) | h6 | 2205 mm | |
| Performa | nces | | | |
| 5.1 Travel sp | eed (laden / unladen) | | 12.30 km/h / 12.50 km/h | |
| 5.2 Lifting s | peed (laden / unladen) | | 0.50 m/s / 0.65 m/s | |
| 5.3 Lowering | speed (laden / unladen) | | 0.58 m/s / 0.55 m/s | |
| 5.4.1 Reach s | eed (with load / without load) | | 0.20 m/s / 0.20 m/s | |
| 5.7 Gradeab | lity (laden / unladen) | | 7.50 % / 11.10 % | |
| 5.10 Service b | rake | | Electric | |
| Engine | | | | |
| 6.1 Drive mo | or rating S2 60 min | | 5.90 kW | |
| 6.2 Lift moto | r rating at S3 15% | | 11 kW | |
| 6.3 Battery a | cording to DIN 43531/35/36 A, B, C | | DIN43531 B | |
| 6.4 Battery v | Itage / capacity | | 48 V / 310 Ah | |
| | eight (+/- 5%) | | 730 kg | |
| Miscella | | | | |
| | rive control | | Electronic | |
| | ate for attachments | | 25 l/min | |
| | vel at the driver's ear according to DIN 12 053 | | 57.40 dB | |

ER 12 - Dimensional drawing



Characteristics of masts and residual capacities

| Free Lift Triplex (FLT) | | FLT 48 | FLT 54 | FLT 57 | FLT 63 | FLT 68 |
|--|----|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward ° | | 3 | 3 | 3 | 3 | 3 |
| β - Mast/fork carriage tilt, backward | | 1 | 1 | 1 | 1 | 1 |
| h1 - Mast lowered height | mm | 2140 | 2340 | 2440 | 2640 | 2790 |
| h2 - Mast free lift | mm | 1600 | 1800 | 1900 | 2100 | 2250 |
| h3 - Mast lifting height | mm | 4800 | 5400 | 5700 | 6300 | 6800 |
| h4 - Mast extended height | mm | 5380 | 5980 | 6280 | 6880 | 7330 |
| Residual capacity with integrated side shift at max heigth | kg | 1200 | 1200 | 1200 | 1000 | 700 |





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