Technical sheet :





|           | Technical characteristics                               |  |
|-----------|---|--|
| .1        | Manufacturer  |  |
| 2         | Model Name  |  |
|           | Power source  |  |
| 4         | Operator type   |  |
| .5        | Max. capacity   |  |
| 6         | Load center of gravity                                  |  |
| .8        | Load distance, centre of drive axle to fork             |  |
| .9        | Wheelbase   |  |
|           | Weight  |  |
| 1         | Service weight  |  |
|           | Wheels  |  |
| 1         | Tires type  |  |
| .2        | Number of drive wheels - Size of drive wheels           |  |
| 3         | Number of load wheels - Size of load wheels             |  |
| 5         | Number of front wheels / rear wheels                    |  |
| 5<br>6    | Front wheel gauge                                       |  |
| 7         | Rear wheel gauge  |  |
|           | Dimensions  |  |
| .8        | Seat height/stand height                                |  |
| 19        | Overall length  |  |
| 20        | Length to face of forks                                 |  |
| 21        | Overall width   |  |
| 22        | Forks section / width / length                          |  |
| 22        | Fork carriage ISO 2328 (class/form) A/B                 |  |
| 25        | Distance between wheel arms/loading surfaces            |  |
| 20<br>5.1 | Width over forks min. / max.                            |  |
| 5.1<br>32 | Ground clearance at centre of wheelbase                 |  |
| 32        |   |  |
|           | Aisle width for 1000 x 1200 pallet lengthways           |  |
| 34        | Aisle width for 800 x 1200 pallet lengthways            |  |
| 35<br>.7  | Turning radius  |  |
| /         | Height of overhead guard (cabin)                        |  |
| 1         | Performances  |  |
| .1        | Travel speed (laden / unladen)                          |  |
| .2<br>.3  | Lifting speed (laden / unladen)                         |  |
|           | Lowering speed (laden / unladen)                        |  |
| l.1<br>7  | Reach speed (with load / without load)                  |  |
| .7<br>10  | Gradeability (laden / unladen)                          |  |
| U         | Service brake   |  |
| .1        | Engine  |  |
|           | Drive motor rating S2 60 min                            |  |
| 2         | Lift motor rating at S3 15%                             |  |
| 3         | Battery according to DIN 43531/35/36 A, B, C            |  |
| .4        | Battery voltage / capacity                              |  |
| 5         | Battery weight (+/- 5%)                                 |  |
|           | Miscellaneous   |  |
| 1         | Type of drive control                                   |  |
|           | Oil flow rate for attachments                           |  |
| 4         | Sound level at the driver's ear according to DIN 12 053 |  |
|           |   |  |

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|           | Metric                   |
|-----------|--------------------------|
|           | MANITOU                  |
|           | ER 14                    |
|           | Electrical               |
|           | Seated                   |
| Q         | 1400 kg                  |
| С         | 600 mm                   |
| х         | 307 mm                   |
| у         | 1378 mm                  |
|           |                          |
|           | 2710 kg                  |
|           |                          |
|           | Vulkollan                |
|           | 1 x 355 x 155            |
|           | 2 x 220 x 85             |
|           | 1 / 2                    |
| b10       | 0 mm                     |
| b11       | 995 mm                   |
|           |                          |
| h7        | 1077 mm                  |
| 11        | 2413 mm                  |
| 12        | 1263 mm                  |
| b1        | 1120 mm                  |
| s / e / l | 40 mm x 100 mm / 1150 mm |
|           | 2A                       |
| b4        | 900 mm                   |
| b5        | 316 mm / 697 mm          |
| m2        | 70 mm                    |
|           | 2701 mm                  |
| Ast       | 2768 mm                  |
| Wa        | 1598 mm                  |
| h6        | 2205 mm                  |
|           |                          |
|           | 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 l/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 °                     |        | 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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