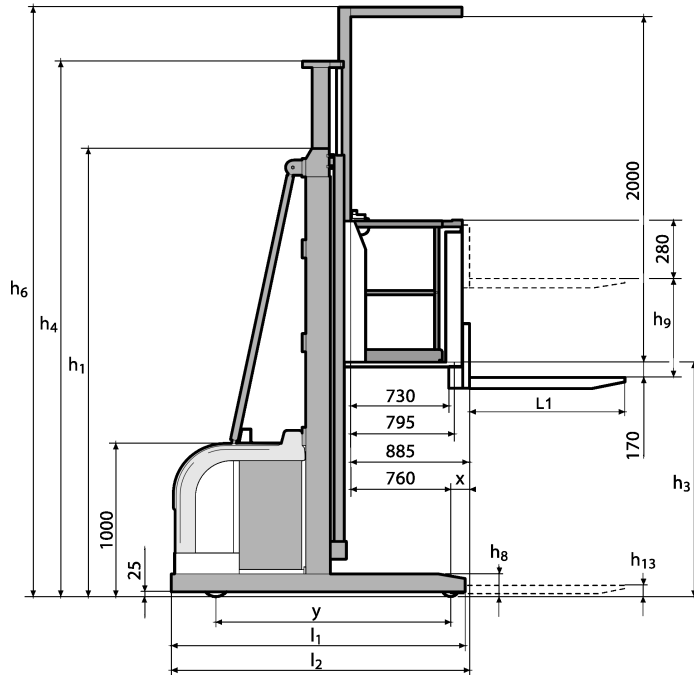
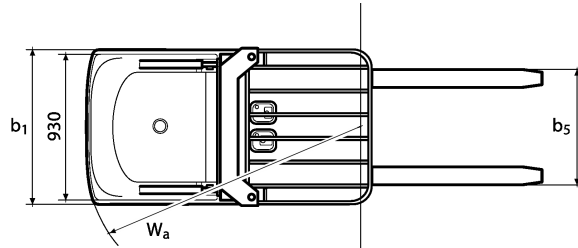


# ORDERPICKER

## OPH

Excellent stability allied to high performance and outstanding ergonomics. Optional positioning of controls and steering unobstructed floor space. Choice of optimal picking platforms.



| Mast type       | Lift height H | Height of mast lowered h1 | Max mast height h4 |
|-----------------|---------------|---------------------------|--------------------|
| Standard/Duplex | 3200          | 2273                      | 3745               |
|                 | 3600          | 2473                      | 4145               |
|                 | 4200          | 2773                      | 4745               |
|                 | 4500          | 2923                      | 5045               |
|                 | 4835          | 3090                      | 5380               |
|                 | 5300          | 3323                      | 5845               |
| Triplex         |               |                           |                    |

| Distinguishing mark | 0 Specification                   |   |                                 | OPH                  |
|---------------------|-----------------------------------|---|---------------------------------|----------------------|
|                     |                                   | 1.2   | Manufacturer's type designation |                      |
|                     | 1.3                               | Drive: electric (battery or mains), diesel, petrol, fuel gas        |                                 | Electric             |
|                     | 1.4                               | Operator type: hand, pedestrian, standing, seated, order-picker     |                                 | Hand                 |
|                     | 1.5                               | Load capacity/rated load  | Q t                             | 1000                 |
|                     | 1.6                               | Load centre distance  | c mm                            | 400-600              |
|                     | 1.8                               | Load distance, centre of load axle to fork                          |                                 | X 125                |
|                     | 1.9                               | Wheelbase   | y mm                            | 1695                 |
| Weight              | 2.1                               | Service weight incl battery   |                                 | kg 2405              |
|                     | 2.2                               | Axle load, with load, front/rear                                    |                                 | kg                   |
|                     | 2.3                               | Axle load, without load, front / rear                               |                                 | kg 905 / 2500        |
|                     | 2.4                               | Axle load, fork outreached with load, front / rear                  |                                 | kg 1335 / 1070       |
|                     | 2.5                               | Axle load, fork retracted with load, front / rear                   |                                 | kg                   |
| Tyres, chassis      | 3.1                               | Tyres   |                                 | Vulcollan            |
|                     | 3.2                               | Tyre size, drive side   | mm                              | Ø 250x100            |
|                     | 3.3                               | Tyre size, load side  |                                 | mm Ø 150x60          |
|                     | 3.4                               | Dimensions additional wheels (castor wheels)                        |                                 | mm                   |
|                     | 3.5                               | Wheels, number front/rear (drive side/load side, x = driven wheels) |                                 | 4 / 1                |
|                     | 3.6                               | Track, drive side   | b10 mm                          | 0                    |
|                     | 3.7                               | Track, load side  | b11 mm                          | 800                  |
| Dimensions          | 4.1                               | Tilt of mast/fork carriage, forward/backward                        |                                 | Grad                 |
|                     | 4.2                               | Height, mast lowered  | h1 mm                           | See table            |
|                     | 4.3                               | Free lift   |                                 | h2 mm                |
|                     | 4.4                               | Lift height H = h1+h3   |                                 | H mm See table       |
|                     | 4.5                               | Height, mast extended   |                                 | h4 mm See table      |
|                     | 4.6                               | Straddle lift   |                                 | h5 mm 785            |
|                     | 4.7                               | Height of overhead guard (cabin)                                    |                                 | h6 mm 2311           |
|                     | 4.8                               | Seat height/stand height  |                                 | h7 mm                |
|                     | 4.10                              | Height of wheel arms  |                                 | h8 mm 175            |
|                     | 4.11                              | Additional lift   |                                 | h9 mm                |
|                     | 4.14                              | Stand height, elevated  |                                 | h12 mm               |
|                     | 4.15                              | Height lowered  |                                 | h13 mm               |
|                     | 4.19                              | Overall length  |                                 | l1 mm 2032 + l       |
|                     | 4.20                              | Length to face of forks   |                                 | l2 mm 2072           |
|                     | 4.21                              | Overall width   |                                 | b1 mm 950            |
|                     | 4.21.1                            | Width over stabilizers  |                                 | mm                   |
|                     | 4.22                              | Fork dimensions   | s/e/l mm                        | 85/147/800-1000-1150 |
|                     | 4.23                              | Fork carriage to ISO 2328, clas / form A, B                         |                                 |                      |
|                     | 4.24                              | Width of fork carriage  |                                 | b3 mm                |
|                     | 4.25                              | Width over forks, min/max   |                                 | b5 mm 560            |
|                     | 4.26                              | Distance between wheel arms   |                                 | b4 mm 650            |
|                     | 4.27                              | Width across guide rolls  |                                 | b6 mm                |
|                     | 4.28                              | Reach distance  |                                 | l4 mm                |
|                     | 4.29                              | Reach lateral   |                                 | b7 mm                |
|                     | 4.30                              | Reach lateral from vehicle centerline                               |                                 | b8 mm                |
|                     | 4.31                              | Ground clearance, mast  |                                 | m1 mm                |
|                     | 4.32                              | Ground clearance, centre of wheelbase                               |                                 | m2 mm 25             |
|                     | 4.33                              | Aisle width with pallet 1000 x 1200, crosswise                      |                                 | Ast mm               |
|                     | 4.34                              | Aisle width for pallet 800 x 1200, lengthwise                       |                                 | Ast mm               |
|                     |                                   | Transfer aisle  |                                 | 0 mm                 |
|                     | 4.35                              | Turning radius  |                                 | Wa mm 1931           |
|                     | 4.37                              | Length incl reach legs  |                                 | l7 mm                |
| 4.38                | Distance to swivelling-fork pivot |   | 0 mm                            |                      |
| Performance data    | 5.1                               | Travel speed, with/without load                                     |                                 | km/h 8 / 9           |
|                     | 5.1.1                             | Travel speed with/without load, backwards                           |                                 | km/h                 |
|                     | 5.2                               | Lift speed, with/without load                                       |                                 | m/s 0,18 / 0,22      |
|                     | 5.3                               | Lowering speed, with/without load                                   |                                 | m/s 0,50 / 0,30      |
|                     | 5.4                               | Reach speed, with / without load                                    |                                 | m/s                  |
|                     | 5.7                               | Gradient, with/without load   |                                 | % 5/5                |
|                     | 5.8                               | Max gradeability, with / without load, 5 min rating                 |                                 | %                    |
|                     | 5.9                               | Acceleration time 0-10 m, with/without load                         |                                 | s                    |
|                     | 5.10                              | Service brake: electric, hydraulic                                  |                                 | Electric             |
|                     | 5.10.1                            | Parking brake: electric, hydraulic                                  |                                 | Electric             |
| Electric engine     | 6.1                               | Drive motor, rating S2 60 min                                       |                                 | kW 2,1               |
|                     | 6.2                               | Lift motor  |                                 | kW 4,5               |
|                     | 6.3                               | Battery according to DIN 43531/35/36                                |                                 | A,B,C                |
|                     | 6.4                               | Battery voltage / Battery capacity                                  |                                 | V/Ah 24 / 330-750    |
|                     | 6.5                               | Battery weight  |                                 | kg 455               |
|                     | 6.6                               | Power consumption according to VDI cycle                            |                                 | kWh/h                |
| Additional data     | 8.1                               | Speed regulation  |                                 | Transistor           |
|                     | 10.1                              | Operating pressure attachments                                      |                                 | bar 175              |
|                     | 10.2                              | Oil flow for attachments  |                                 | l/min                |
|                     | 10.7                              | Noise level at operator's ear, according to EN 12 053               |                                 | db(A)                |

\* Varies according to battery size

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