

# Pedestrian lowlifter truck 1.3-1.55 ton

## BT tyro

LHE130

LHE155



# Pedestrian lowlifter truck

| Truck specifications |        |                                                                    |                 |        | LHE130           | LHE155           |
|----------------------|--------|--------------------------------------------------------------------|-----------------|--------|------------------|------------------|
| Identification       | 1.2    | Model                                                              |                 |        | LHE130           | LHE155           |
|                      | 1.3    | Drive                                                              |                 |        | Electric         | Electric         |
|                      | 1.4    | Operator type                                                      |                 |        | Pedestrian       | Pedestrian       |
|                      | 1.5    | Load capacity/rated load                                           | Q               | kg     | 1300             | 1550             |
|                      | 1.6    | Load centre                                                        | c               | mm     | 600              | 600              |
|                      | 1.8    | Load distance, center of drive axle to fork (forks raised/lowered) | x               | mm     | 884/947          | 887/951          |
|                      | 1.9    | Wheelbase (forks raised/lowered)                                   | y               | mm     | 1134/1185        | 1140/1189        |
| Weight               | 2.1    | Service weight including battery                                   |                 | kg     | 137              | 149              |
|                      | 2.2    | Axle load, with load, drive/castor/fork wheel                      |                 | kg     | 410/50/977       | 570/50/1079      |
|                      | 2.3    | Axle load, without load, drive/castor/fork wheel                   |                 | kg     | 93/14/30         | 97/16/36         |
| Wheels               | 3.1    | Drive/castor/fork wheel                                            |                 |        | Polyurethane     | Polyurethane     |
|                      | 3.2    | Wheel size, front                                                  | Ø x width       | mm     | 210x70           | 210x70           |
|                      | 3.3    | Wheel size, rear                                                   | Ø x width       | mm     | 80x70            | 80x70            |
|                      | 3.4    | Additional wheels, dimensions                                      | Ø x width       | mm     | 80x30            | 80x30            |
|                      | 3.5    | Wheels, number front/rear (x = driven wheels)                      |                 |        | 1x+2/4           | 1x+2/4           |
|                      | 3.6    | Track width, front                                                 | b <sub>10</sub> | mm     | 430              | 430              |
|                      | 3.7    | Track width, rear                                                  | b <sub>11</sub> | mm     | 380              | 380              |
| Dimensions           | 4.4    | Lift                                                               | h <sub>3</sub>  | mm     | 115              | 115              |
|                      |        | Lift height                                                        | h <sub>23</sub> | mm     | 195              | 195              |
|                      | 4.9    | Height of tiller in drive position, min./max.                      | h <sub>14</sub> | mm     | 700/1160         | 700/1160         |
|                      | 4.15   | Height, fork lowered                                               | h <sub>13</sub> | mm     | 80               | 80               |
|                      | 4.19   | Overall length                                                     | l <sub>1</sub>  | mm     | 1530             | 1536             |
|                      | 4.20   | Length to face of forks                                            | l <sub>2</sub>  | mm     | 380              | 386              |
|                      | 4.21   | Overall width                                                      | b <sub>1</sub>  | mm     | 540              | 540              |
|                      | 4.22   | Fork dimensions                                                    | s/e/l           | mm     | 47/160/1150      | 47/160/1150      |
|                      | 4.25   | Width over forks                                                   | b <sub>5</sub>  | mm     | 540              | 540              |
|                      | 4.32   | Ground clearance, centre of wheelbase                              | m <sub>2</sub>  | mm     | 33               | 33               |
|                      | 4.34.1 | Aisle width for pallets 1000x1200 crossways                        | A <sub>st</sub> | mm     | 2127             | 2132             |
|                      | 4.34.2 | Aisle width for pallets 800x1200 lengthways                        | A <sub>st</sub> | mm     | 2000             | 2006             |
|                      | 4.35   | Turning radius (forks raised)                                      | Wa              | mm     | 1283             | 1336             |
| Performance          | 5.1    | Travel speed, with/without load                                    |                 | km/h   | 4,6/4,8          | 4,8/5,2          |
|                      | 5.2    | Lift speed, with/without load                                      |                 | m/s    | 0,020/0,025      | 0,016/0,019      |
|                      | 5.3    | Lowering speed, with/without load                                  |                 | m/s    | 0,05/0,04        | 0,043/0,026      |
|                      | 5.8    | Max. gradeability, with/without load                               |                 | %      | 6/16             | 10/16            |
|                      | 5.10   | Service brake                                                      |                 |        | Electromagnetic  | Electromagnetic  |
| Electric motor       | 6.1    | Drive motor rating S2 60 min                                       |                 | kW     | 0,65             | 0,75             |
|                      | 6.2    | Lift motor rating at S3 10%                                        |                 | kW     | 0,50             | 0,80             |
|                      | 6.4    | Battery voltage/nominal capacity K5                                |                 | V/Ah   | 24/36            | 48/20            |
|                      | 6.5    | Battery weight                                                     |                 | kg     | 7                | 7,5              |
|                      | 6.6    | Energy consumption acc. to EN16796:2016                            |                 | kWh/h  | 0,199            | 0,194            |
| Other                | 8.1    | Type of drive control                                              |                 |        | DC speed control | DC speed control |
|                      | 8.4    | Sound level at the driver's ear according to EN 12 053             |                 | dB (A) | <70              | <70              |

All data are based on table configuration. Other configurations may give other values.  
Truck performance and dimensions are nominal and subject to tolerances.  
Toyota Material Handling products and specifications are subject to change without notice.

