

CBD20J-RM / ELECTRIC PALLET TRUCK (STANDING ON)

# Electric Power. 2 Tonnes, Compact.

“Compact, stable and well protected: a floating drive, dual braking and shock-absorbing pedal for narrow spaces.”



COMPACT TURNING

I455 mm  
Min. Turning Radius

|                                 |         |
|---------------------------------|---------|
| Aisle, 1000 × 1200 across forks | 2255 mm |
| Aisle, 800 × 1200 along forks   | 2115 mm |
| Overall length                  | 1630 mm |

## 4 Key Specifications

|                                            |                                                  |                                                     |                               |
|--------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-------------------------------|
| Rated Capacity                             | Travel Speed                                     | Battery                                             | Lift Height                   |
| 2 t<br><small>(Load centre 600 mm)</small> | 4.6/5.0 km/h<br><small>(Laden / unladen)</small> | 4 × 12/65 V/Ah<br><small>(Maintenance-free)</small> | 200 mm<br><small>(h3)</small> |

## 8 Product Features

- 01 **Compact Size**

Small overall size and turning radius allow handling work in narrow spaces.
- 02 **Floating Drive Structure**

Floating structure in the drive system keeps the truck stable and level when turning.
- 03 **Dual Braking Protection**

Reverse anti-collision switch; electromagnetic and motor braking protect the driver.
- 04 **Maintenance-Free Battery**

Large-capacity maintenance-free battery with built-in charger.
- 05 **48V Electrical System**

Powerful 48V electrical system with superior performance.
- 06 **Shock-Absorbing Pedal**

Comfortable pedal with shock absorbers reduces impact from the road surface.
- 07 **Lift Limit Function**

At full lift, upward power cuts off and the truck stops smoothly, saving energy.
- 08 **Protective Arm**

Standard protective arm protects operator safety.

# Technical Data

## 1 Characteristics

|      |                             |        |                  |
|------|-----------------------------|--------|------------------|
| 1.01 | Model                       |        | <b>CBD20J-RM</b> |
| 1.02 | Power unit                  |        | Electric         |
| 1.03 | Operation                   |        | Pedestrian       |
| 1.04 | Rated load capacity         | Q (t)  | 2                |
| 1.05 | Load centre                 | c (mm) | 600              |
| 1.06 | Axle centre to fork face    | x (mm) | 969              |
| 1.07 | Wheelbase                   | y (mm) | 1243             |
| 1.08 | Service weight with battery | kg     | 440              |

## 2 Wheels / Tyres

|      |                                        |                      |                      |
|------|----------------------------------------|----------------------|----------------------|
| 2.01 | Wheels type                            |                      | Polyurethane (PU)    |
| 2.02 | Driving wheel size                     | $\Phi \times w$ (mm) | $\Phi 210 \times 70$ |
| 2.03 | Bearing wheel size                     | $\Phi \times w$ (mm) | $\Phi 80 \times 70$  |
| 2.04 | Additional wheels (dimensions)         | $\Phi \times w$ (mm) | $\Phi 100 \times 40$ |
| 2.05 | Wheels, number front/rear (x = driven) |                      | 1x+2/4               |
| 2.06 | Track width                            | b11 (mm)             | 390/525              |

## 3 Dimensions

|      |                                              |            |             |
|------|----------------------------------------------|------------|-------------|
| 3.01 | Lift                                         | h3 (mm)    | 200         |
| 3.02 | Overall height (with handle)                 | h14 (mm)   | 1030/1280   |
| 3.03 | Lowered height                               | h13 (mm)   | 85          |
| 3.04 | Overall length                               | l1 (mm)    | 1630        |
| 3.05 | Length to fork face                          | l2 (mm)    | 480         |
| 3.06 | Overall width                                | b1/b2 (mm) | 820         |
| 3.07 | Fork dimensions                              | s/e/l (mm) | 55/160/1150 |
| 3.08 | Width of forks                               | b5 (mm)    | 550/685     |
| 3.09 | Min. ground clearance                        | m2 (mm)    | 30          |
| 3.10 | Aisle width, pallet 1000 × 1200 across forks | Ast (mm)   | 2255        |
| 3.11 | Aisle width, pallet 800 × 1200 along forks   | Ast (mm)   | 2115        |
| 3.12 | Min. turning radius                          | Wa (mm)    | 1455        |

## 4 Performance

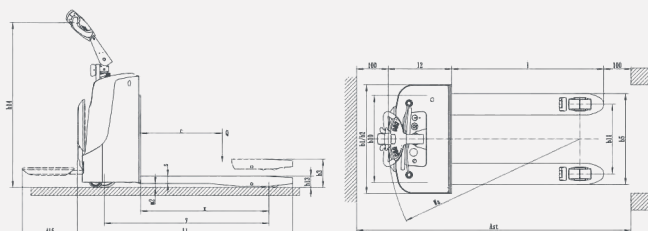
|      |                                          |        |                 |
|------|------------------------------------------|--------|-----------------|
| 4.01 | Travel speed, laden/unladen              | (km/h) | 4.6/5.0         |
| 4.02 | Lifting speed, with/without load         | (mm/s) | 33/41           |
| 5.03 | Lowering speed, with/without load        | (mm/s) | 64/41           |
| 4.04 | Max. climbing ability, with/without load | (%)    | 3/10            |
| 4.05 | Service brake                            |        | Electromagnetic |

## 5 Drive

|      |                                |        |           |
|------|--------------------------------|--------|-----------|
| 5.01 | Drive motor, 60 minute rating  | (kW)   | 1         |
| 5.02 | Lift motor rating at S3 15%    | (kW)   | 0.8       |
| 5.03 | Battery voltage/rated capacity | (V/Ah) | 4 × 12/65 |
| 5.04 | Battery weight (± 5%)          | (kg)   | 61.2      |

## 6 Others

|      |                               |         |                  |
|------|-------------------------------|---------|------------------|
| 6.01 | Type of drive control         |         | DC speed control |
| 6.02 | Noise level at operator's ear | (dB(A)) | ≤ 70             |
| 6.03 | Steering type                 |         | Mechanical       |



## Dimension Drawings

Symbols correspond to the units column above.