

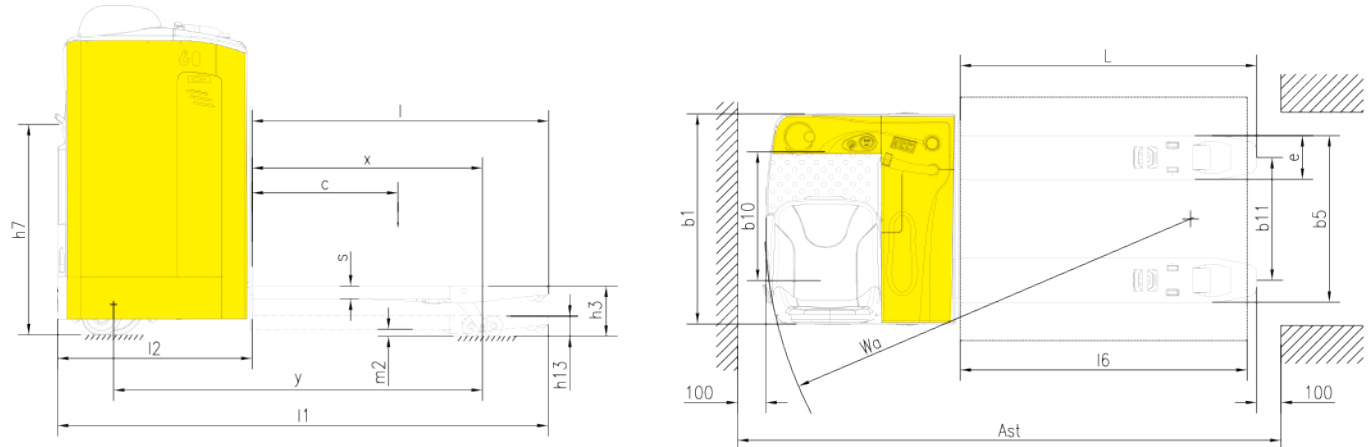
Electric Seated Pallet Truck

Double Decker Pallet Truck



|                     |        |                                                                      | 1KG=2.205LB 1INCH=25.40MM |                        |
|---------------------|--------|----------------------------------------------------------------------|---------------------------|------------------------|
|                     |        |                                                                      | CBD20Z                    | CBD25Z                 |
| General Information | 1.2    | Model                                                                | CBD20Z                    | CBD25Z                 |
|                     | 1.3    | Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas | Electric                  | Electric               |
|                     | 1.4    | Operator type: hand, pedestrian, standing, seated, order-picker      | Seated                    | Seated                 |
|                     | 1.5    | Rated capacity/rated load                                            | 2000                      | 2500                   |
|                     | 1.6    | Load centre distance                                                 | 600                       | 600                    |
| Weight              | 1.8    | Load distance, centre of drive axle to fork                          | 914/964/1034              | 914/964/1034           |
|                     | 1.9    | Wheelbase                                                            | 1395/1445/1515            | 1395/1445/1515         |
|                     | 2.1    | Service weight                                                       | 900                       | 900                    |
|                     | 2.2    | Axle loading, laden front/rear                                       | 1240/2160                 | 1240/2160              |
|                     | 2.3    | Axle loading, unladen front/rear                                     | 670/230                   | 670/230                |
| Tyres               | 3.1    | Tyres: solid rubber, superelastic, pneumatic, polyurethane           | Polyurethane(PU)          | Polyurethane(PU)       |
|                     | 3.2    | Tyre size, front                                                     | Φ250x80                   | Φ250x80                |
|                     | 3.3    | Tyre size, rear                                                      | Φ82×126(98)               | Φ82×126(98)            |
|                     | 3.4    | Additional wheels (dimensions)                                       | Φ160x55                   | Φ160x55                |
|                     | 3.5    | Wheels, number front/rear (× = driven wheels)                        | 1X+1/2(4)                 | 1X+1/2(4)              |
| Dimensions          | 3.6    | Tread, front                                                         | b10 (mm)                  | 530                    |
|                     | 3.7    | Tread, rear                                                          | b11 (mm)                  | 340/370/470/505        |
|                     | 4.4    | Max. lift height                                                     | h3 (mm)                   | 120                    |
|                     | 4.9    | Height drawbar in driving position min./max.                         | h14 (mm)                  | 900                    |
|                     | 4.15   | Height, lowered                                                      | h13 (mm)                  | 82                     |
|                     | 4.19   | Overall length                                                       | l1 (mm)                   | 1900/1950/2020         |
|                     | 4.20   | Length to face of forks                                              | l2 (mm)                   | 800                    |
|                     | 4.21   | Overall width                                                        | b1/b2 (mm)                | 864                    |
|                     | 4.22   | Fork dimensions DIN ISO 2331                                         | s / e / l (mm)            | 54/180/1100(1150/1220) |
|                     | 4.25   | Fork spread                                                          | b5 (mm)                   | 520/550/650/685        |
| Performance Data    | 4.32   | Ground clearance, centre of wheelbase                                | m2 (mm)                   | 28                     |
|                     | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways                        | Ast (mm)                  | 2465/2505/2565         |
|                     | 4.34.2 | Aisle width for pallets 800 × 1200 lengthways                        | Ast (mm)                  | 2385/2400/2430         |
|                     | 4.35   | Turning radius                                                       | Wa (mm)                   | 1630/1680/1750         |
|                     | 5.1    | Travel speed, laden/unladen                                          | km/h                      | 7.5/8.0                |
|                     | 5.2    | Lift speed, laden/unladen                                            | m/s                       | 0.040/0.055            |
|                     | 5.3    | Lowering speed, laden/unladen                                        | m/s                       | 0.060/0.050            |
|                     | 5.8    | Max. gradeability, laden/unladen                                     | %                         | 8/16                   |
|                     | 5.10   | Service brake                                                        | Electromagnetic           | Electromagnetic        |
|                     | 6.1    | Drive motor rating S2 60 min                                         | kW                        | 1.5                    |
| Motors              | 6.2    | Lift motor rating at S3 15%                                          | kW                        | 2.2                    |
|                     | 6.4    | Battery voltage/nominal capacity K5                                  | (V)/(Ah) or kWh           | 24/300                 |
|                     | 6.5    | Battery weight                                                       | kg                        | 270                    |
|                     |        | Drive control                                                        | AC control                | AC control             |
| Additional Data     | 10.7   | Sound pressure level at the driver's seat                            | dB (A)                    | 70                     |

\* Option: CBD25Z Lithium battery 230AH (Charger 24V/100A)



Model:  
CBD20S

The CBD20S, with small turning radius and lowest height (1.08~1.38m), offers Double pallet Initial lifting, with Initial lift have 120mm lift to easily negotiate over ramps and bridging plates as well as the ability to transport a 2000kg load, widely used in low shelves warehouse and small supermarket etc.

AC



Electric Pallet Truck

Electric Stackler

Order Packer

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stackler

Lift Table

Double Decker Pallet Truck



Model:  
CBD20S

AC



Conform to  
ISO3691-1 EN1175:2020  
EN12053 EN 16307-1  
EN12100 EMC EN 12895  
Related to CE directive:  
2006/42/EC (Machinery)  
2014/30/EU (Electromagnetic compatibility)



Side-way Battery



Vertical System

Model:  
CBD20S-III



Advantages:

SAFETY AND EFFICIENCY

- Carry two pallets at one single time.
- The tiller head is equipped with an emergency reverse direction switch, which provides safer operation.
- Built-in pressure relief valve protects the truck from overload, and increases the truck's safety.
- Stepless speed control and turtle speed switch.

STRUCTURAL

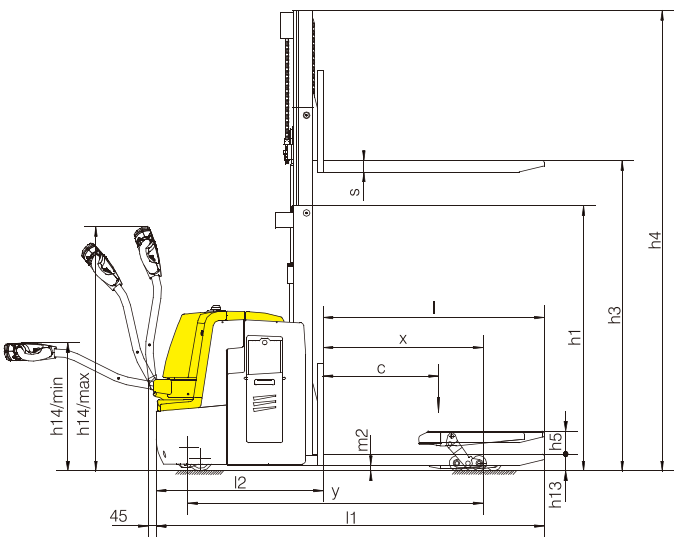
- Vertical driving wheel offers small turning radius.
- Dividable and exchangeable mast.
- Adjustable floating balance wheel is resistant to wear and stable.
- Sliding rail connects the moving part of the front and rear, makes lifting and lowering stable.

EASY MAINTENANCE

- Hall-effect throttle control eliminates ware components and prolongs its use time.
- The balance wheel is detachable, convenient to maintain.
- Integral and modularized electrical system makes the maintenance of the electrical parts convenient.

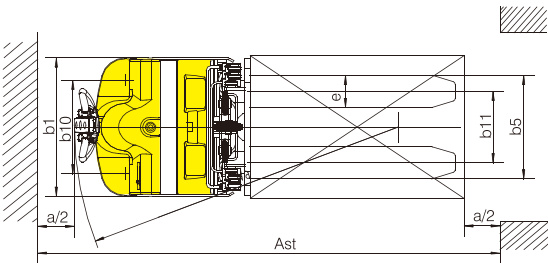
|                     |        |                                                                      | 1KG=2.205LB 1INCH=25.40MM |                  |
|---------------------|--------|----------------------------------------------------------------------|---------------------------|------------------|
|                     |        |                                                                      | CBD20S                    | CBD20S-III       |
| General Information | 1.2    | Model                                                                | CBD20S                    | CBD20S-III       |
|                     | 1.3    | Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas | Electric                  | Electric         |
|                     | 1.4    | Operator type: hand, pedestrian, standing, seated, order-picker      | Pedestrian                | Pedestrian       |
|                     | 1.5    | Rated capacity/rated load                                            | 2000                      | 2000             |
|                     |        | Rated capacity/rated load with mast lift                             | Q (kg)                    | 1000             |
| Weight              | 1.6    | Load centre distance                                                 | c (mm)                    | 600              |
|                     | 1.8    | Load distance, centre of drive axle to fork                          | x (mm)                    | 831              |
|                     | 1.9    | Wheelbase                                                            | y (mm)                    | 1535             |
|                     | 2.1    | Service weight                                                       | kg                        | 950              |
|                     | 2.2    | Axle loading, laden front/rear                                       | kg                        | 1180/1770        |
| Tyres               | 2.3    | Axle loading, unladen front/rear                                     | kg                        | 650/300          |
|                     | 3.1    | Tyres: solid rubber, superelastic, pneumatic, polyurethane           | Polyurethane(PU)          | Polyurethane(PU) |
|                     | 3.2    | Tyre size, front                                                     | Φ250x70                   | Φ250x70          |
|                     | 3.3    | Tyre size, rear                                                      | Φ80x70                    | Φ80x70           |
|                     | 3.4    | Additional wheels (dimensions)                                       | Φ127x57                   | Φ114x60          |
| Dimensions          | 3.5    | Wheels, number front/rear (× = driven wheels)                        | 1X+2/4                    | 1X+2/4           |
|                     | 3.6    | Tread, front                                                         | b10 (mm)                  | 541              |
|                     | 3.7    | Tread, rear                                                          | b11 (mm)                  | 400/470          |
|                     | 4.4    | Max. lift height                                                     | h3 (mm)                   | 1600/2000/2500   |
|                     |        | Initial lift                                                         | h5 (mm)                   | 120              |
|                     | 4.9    | Height drawbar in driving position min./max.                         | h14 (mm)                  | 530/1230         |
|                     | 4.15   | Height, lowered                                                      | h13 (mm)                  | 90               |
|                     |        | Height, mast lowered                                                 | h1 (mm)                   | 1082/1212/1382   |
|                     |        | Height, mast extended                                                | h4 (mm)                   | 2118/2508/3018   |
|                     | 4.19   | Overall length                                                       | l1 (mm)                   | 1962             |
| Performance Data    | 4.20   | Length to face of forks                                              | l2 (mm)                   | 862              |
|                     | 4.21   | Overall width                                                        | b1/b2 (mm)                | 775              |
|                     | 4.22   | Fork dimensions DIN ISO 2331                                         | s / e / l (mm)            | 60/180/1100      |
|                     | 4.25   | Fork spread                                                          | b5 (mm)                   | 570/650          |
|                     | 4.32   | Ground clearance, centre of wheelbase                                | m2 (mm)                   | 20               |
|                     | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways                        | Ast (mm)                  | 2528             |
|                     | 4.34.2 | Aisle width for pallets 800 × 1200 lengthways                        | Ast (mm)                  | 2449             |
|                     | 4.35   | Turning radius                                                       | Wa (mm)                   | 1705             |
|                     | 5.1    | Travel speed, laden/unladen                                          | km/h                      | 5.5/5.6          |
|                     | 5.2    | Lift speed, laden/unladen                                            | m/s                       | 0.03/0.04        |
| Motors              | 5.3    | Lowering speed, laden/unladen                                        | m/s                       | 0.05/0.045       |
|                     | 5.8    | Max. gradeability, laden/unladen                                     | %                         | 6/12             |
|                     | 5.10   | Service brake                                                        | Electromagnetic           | Electromagnetic  |
|                     | 6.1    | Drive motor rating S2 60 min                                         | kW                        | 1.2              |
| Additional Data     | 6.2    | Lift motor rating at S3 15%                                          | kW                        | 2.2              |
|                     | 6.4    | Battery voltage/nominal capacity K5                                  | (V)/(Ah) or kWh           | 24/210           |
|                     | 6.5    | Battery weight                                                       | kg                        | 195              |
|                     |        | Drive control                                                        | AC control                | AC control       |
|                     | 10.7   | Sound pressure level at the driver's seat                            | dB (A)                    | 70               |

\* Option: CBD20S Lithium battery 125AH/150AH (Charger 24V/50A)  
CBD20S-III Lithium battery 100AH (Charger 24V/50A)



Standard mast types

| Three-stage mast |    |      |      |
|------------------|----|------|------|
| h1               | h2 | h3   | h4   |
| 1082             | ~  | 1600 | 2118 |
| 1212             | ~  | 2000 | 2508 |
| 1382             | ~  | 2500 | 3018 |



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Hand Pallet Truck

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Lift Table