

# PSE06BCB/NCB Mini counterbalanced stacker

PSE06BCB/NCB can be used in a compact space environment with the compact design and small turning radius. Optimizing self-weight is the initial intention of design so it is ideal for mezzanine application and the truck can easily fit into the cargo lift.

## Features:

### Versatile application

**Compact design:** It can work in a confined space with small turning radius and passageway width.

**Weight optimization:** It is ideal for mezzanine application and the truck can easily fit into the cargo lift.

**Ground clearance:** It can be used for the rough floor conditions with its increased ground clearance.

**Counter-balanced design and double parallel loading wheel arrangement:** forks can be adjusted in accordance with the special requirements and can adapt to most of the pallet.

### Strong Power

Simple hydraulic piping system with low loss.  
Strong grade ability with fast speed.

### Easy Operation

**Extremely narrow body:** Broad vision and clear goods state.

**Long tiller design:** Safer and lighter steering than the short tiller.

**Built-in charger:** rechargeable convenient and free for charging.



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# PSE06BCB PSE06NCB

Mini counterbalanced  
stacker

Load capacity: **600 kg**

Maximum lift height: **3200 mm**



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Official website



Our Wechat



Low self-weight



Strong power



Efficient Operation

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# Product Advantages

## Long tiller design meets the requirements of ergonomics and safety

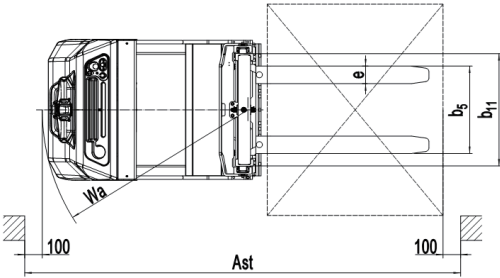
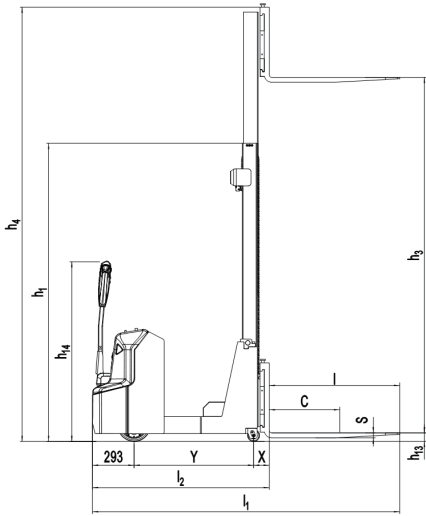
- ▶ While working in efficiency, long tiller design keeps the operator in a safe distance.
- ▶ Compared with the short tiller, truck operates more easily with long tiller.
- ▶ The operator can choose your operating habits and more comfortable operating level.
- ▶ Safe distance and good vision to make stacking operation be more efficient and rapid.



### Multi-function handle

Adopts multi-function handle. Through the CAN-bus technology for lifting operation, the operation is more simple and efficient; CAN-bus technology greatly simplifies the circuit and enhance the truck reliability. With a combination lock function, the handle equipped with power display and working time that makes operation more convenient. And it equipped with an emergency button, turtle speed button and stepless speed control that makes the truck operation more safety.

### It is suitable for mezzanine application with its compact and light design.



## Flexible operation



**Built-in charger**  
The built-in charger configuration make the truck operation more autonomously and enlarges the work scope.

| PSE06BCB/PSE06NCB |                               |                            |                       |                                |                                |
|-------------------|-------------------------------|----------------------------|-----------------------|--------------------------------|--------------------------------|
| Designation       | Lowered mast height<br>h1(mm) | Free Lift height<br>h2(mm) | Lift height<br>h3(mm) | Extended mast height<br>h4(mm) | Lift+fork height<br>h3+h13(mm) |
| Single-stage mast | 1960                          | 1505                       | 1505                  | 2065                           | 1570                           |
| Two-stage mast    | 1820                          | -                          | 2535                  | 3095                           | 2600                           |
|                   | 1960                          | -                          | 2835                  | 3395                           | 2900                           |
|                   | 2110                          | -                          | 3135                  | 3695                           | 3200                           |

| Type Sheet for Industrial Truck acc. To VDI 2198 |                                               |            |          |                   |          |
|--------------------------------------------------|-----------------------------------------------|------------|----------|-------------------|----------|
| Distinguishing mark                              |                                               |            |          |                   |          |
| 1.2                                              | Manufacturer's type designation               |            | PSE06BCB |                   | PSE06NCB |
| 1.3                                              | Drive                                         |            |          | Battery           |          |
| 1.4                                              | Operator type                                 |            |          | Pedestrian        |          |
| 1.5                                              | Load Capacity / rated load                    | Q (t)      |          | 0.6               |          |
| 1.6                                              | Load centre distance                          | c (mm)     |          | 500               |          |
| 1.8                                              | Load distance ,centre of drive axle to fork   | x (mm)     |          | 110               |          |
| 1.9                                              | Wheelbase                                     | y (mm)     |          | 845               |          |
| Weight                                           |                                               |            |          |                   |          |
| 2.1                                              | Service weight                                | kg         |          | 1175              |          |
| 2.2                                              | Axle loading, laden front/rear                | kg         |          | 300/1474          |          |
| 2.3                                              | Axle loading, unladen front/rear              | kg         |          | 740/435           |          |
| Tyres, chassis                                   |                                               |            |          |                   |          |
| 3.1                                              | Tires                                         |            |          | Polyurethane (PU) |          |
| 3.2                                              | Tire size,front                               | Øxw (mm)   |          | Ø 230×75          |          |
| 3.3                                              | Tire size,rear                                | Øxw (mm)   |          | Ø 84×70           |          |
| 3.4                                              | Additional wheels(dimensions)                 | Øxw (mm)   |          | /                 |          |
| 3.5                                              | Wheels,number front/rear(x=driven wheels)     |            |          | 1x/4              |          |
| 3.6                                              | Tread, front                                  | b10 (mm)   |          | /                 |          |
| 3.7                                              | Tread, rear                                   | b11 (mm)   |          | 602               |          |
| Dimensions                                       |                                               |            |          |                   |          |
| 4.2                                              | Lowered mast height                           | h1 (mm)    |          | 2110              |          |
| 4.4                                              | Lift                                          | h3 (mm)    |          | 3200              |          |
| 4.5                                              | Extended mast height                          | h4 (mm)    |          | 3695              |          |
| 4.9                                              | Height of tiller in drive position min./ max. | h14 (mm)   |          | 750/1165          |          |
| 4.15                                             | Height, lowered                               | h13 (mm)   |          | 65                |          |
| 4.19                                             | Overall length                                | l1 (mm)    |          | 2165              |          |
| 4.20                                             | Length to face of forks                       | l2 (mm)    |          | 1245              |          |
| 4.21                                             | Overall width                                 | b1 (mm)    |          | 802               |          |
| 4.22                                             | Fork dimensions                               | s/e/l (mm) |          | 35/100/920        |          |
| 4.25                                             | Width Across Forks                            | b5 (mm)    |          | 252-700           |          |
| 4.32                                             | Ground clearance, centre of wheelbase         | m2 (mm)    |          | 55                |          |
| 4.33                                             | Aisle width for pallets 1000X1200 crossways   | Ast (mm)   |          | 2630              |          |
| 4.34                                             | Aisle width for pallets800X1200 lengthways    | Ast (mm)   |          | 2740              |          |
| 4.35                                             | Turning radius                                | Wa (mm)    |          | 1175              |          |
| Performance data                                 |                                               |            |          |                   |          |
| 5.1                                              | Travel speed, laden/ unladen                  | km/h       |          | 4.5               |          |
| 5.2                                              | Lift speed, laden/ unladen                    | m/s        |          | 0.11/0.14         |          |
| 5.3                                              | Lowering speed, laden/ unladen                | m/s        |          | 0.14/0.13         |          |
| 5.8                                              | Max. gradeability, laden/ unladen             | %          |          | 5/8               |          |
| 5.10                                             | Service brake                                 |            |          | Electromagnetic   |          |
| Electric- engine                                 |                                               |            |          |                   |          |
| 6.1                                              | Drive motor rating S2 60min                   | kW         |          | 0.75              |          |
| 6.2                                              | Lift motor rating at S3 10%                   | kW         |          | 2.2               |          |
| 6.3                                              | Battery acc. to DIN 43531/ 35/ 36 A, B, C, no |            |          | /                 |          |
| 6.4                                              | Battery voltage, nominal capacity K5          | V / Ah     |          | 2x12/105          |          |
| 6.5                                              | Battery weight                                | kg         |          | 2x34.4            |          |
| 6.6                                              | Energy consumption acc. to VDI cycle          | kWh/h      |          |                   |          |
| Addition data                                    |                                               |            |          |                   |          |
| 8.1                                              | Type of drive control                         |            |          | DC                |          |
| 8.4                                              | Sound level at driver's ear acc. to EN 12053  | dB(A)      |          | <70               |          |