

# PSE06BCB/PSE06NCB

## Mini counterbalanced stacker

**Load capacity: 600 kg**

**Maximum lift height: 3200 mm**

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.

## 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.

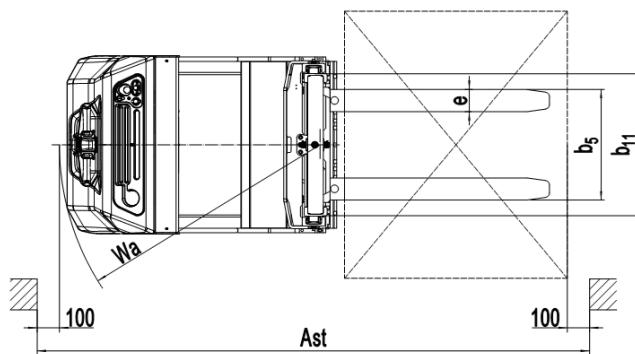
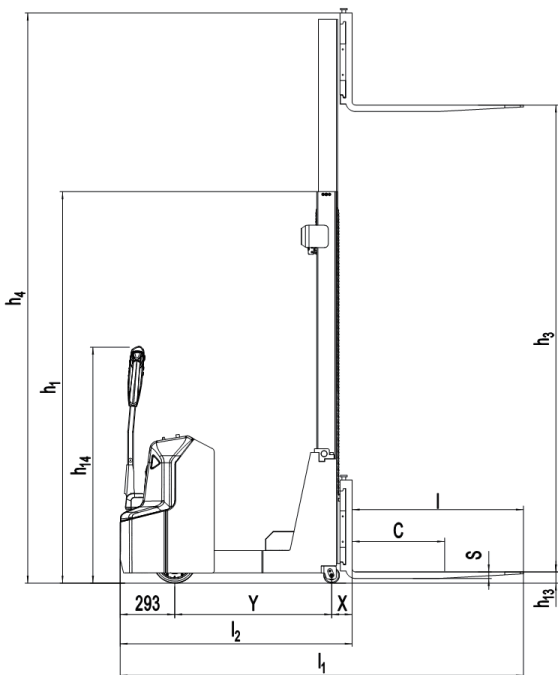


It is suitable for mezzanine application with its compact and light design.



#### 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	Free lift height	Lift height	Extended mast height	Lift+fork height
	h1 (mm)	h2 (mm)	h3 (mm)	h4 (mm)	h3+h13 (mm)
Single-stage mast	1960	1505	1505	2065	1570
	1820	-	2535	3095	2600
Two-stage mast	1960	-	2835	3395	2900
	2110	-	3135	3695	3200

## Type sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM

### Identification

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

### Weights

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

### Wheels, Chassis

3.1	Tires			Polyurethane (PU)
3.2	Tire size, front	Øx w (mm)		Ø230×75
3.3	Tire size, rear	Øx w (mm)		Ø84×70
3.4	Additional wheels(dimensions)	Øx w (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

### Basic Dimensions

4.2	Lowered mast height	h1 (mm)		2110
4.4	Lift	h3 (mm)		3200
4.5	Extended maximal 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 pallets1000X1200 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

### E-Motor

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	24/60
6.5	Battery weight	kg	2x34.4	17
6.6	Energy consumption acc. to VDI cycle	kWh/h		0.47

### Other Details

8.1	Type of drive control			DC
8.4	Sound level at driver's ear acc. to EN 12053	dB(A)		<70