

SCD10 / SELF-LIFTING ELECTRIC STACKER (SCDS SERIES, PEDESTRIAN)

Electric Power.

1.0 t, 1300 mm Lift.

“DC drive control with a pull-out lithium battery, C-channel steel mast and emergency stop switch for outdoor and warehouse stacking.”



COMPACT TURNING

1080 mm

Min. Turning Radius

Overall length	1660 mm
Overall width	890 mm
Wheelbase	905 mm

4 Key Specifications

Rated Capacity	Lift Height	Travel Speed	Battery
1.0 t	1300 mm	3.6/4.0 km/h	24/35 V/Ah
(Load centre 400 mm)	(Standard mast)	(Laden / unladen)	(Pull-out lithium)

10 Product Features

- 01 **DC Drive Control**

Provides strong power, accurate control and smooth operation.
- 02 **Indoor and Outdoor Use**

Suits outdoor handling and warehouse stacking; can also be carried by car.
- 03 **Explosion-Proof Hydraulics**

Prevents the mast dropping rapidly if the oil pipe breaks, improving safety.
- 04 **Emergency Stop Switch**

Fitted to the body to cut power in case of an accident.
- 05 **Pull-Out Lithium Battery**

Standard pull-out lithium battery, easy to charge.
- 06 **C-Channel Steel Mast**

High-strength mast with excellent bending performance.
- 07 **Split Cover**

Split cover design for easy maintenance.
- 08 **Rail-Type Legs**

Standard stop lock makes it safe and reliable.
- 09 **Lightweight Design**

Compact structure, easy to move.
- 10 **Metal Shell**

Fine appearance; effectively protects the internal components.

Technical Data

1 Characteristics

1.01	Model		SCD10
1.02	Drive unit		Electric
1.03	Operator type		Pedestrian
1.04	Rated capacity	Q (kg)	1000
1.05	Load centre distance	c (mm)	400
1.06	Axle centre to fork face	x (mm)	600
1.07	Wheelbase	y (mm)	905
1.08	Service weight (incl. battery)	kg	420

2 Wheels / Tyres

2.01	Tyre type, driving / loading wheels		Polyurethane (PU)
2.02	Tyre size, driving wheels (dia. × width)	mm	Φ210x75
2.03	Tyre size, loading wheels (dia. × width)	mm	Φ80x50
2.04	Tyre size, caster wheels (dia. × width)	mm	Φ65x30
2.05	Wheels, number driving, caster/loading (x = drive wheels)	mm	1x, 2/2
2.06	Track width, front, driving side	b10 (mm)	755
2.07	Track width, rear, loading side	b11 (mm)	420

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	1647
3.02	Free lift	h2 (mm)	–
3.03	Lift height	h3 (mm)	1300
3.04	Height of drawbar in driving position min./max.	h14 (mm)	750/1145
3.05	Lowered height	h13 (mm)	90
3.06	Overall length	l1 (mm)	1660
3.07	Length to face of forks	l2 (mm)	460
3.08	Overall width	b1/b2 (mm)	890
3.09	Fork dimensions	s/c/l (mm)	70/190/1200
3.10	Distance between fork arms	b5 (mm)	620
3.11	Turning radius	Wa (mm)	1080

4 Performance

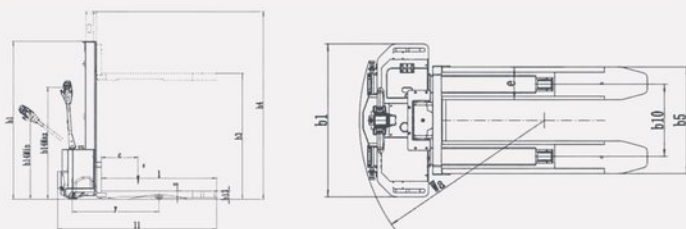
4.01	Travel speed, laden / unladen	km/h	3.6/4.0
4.02	Lifting speed, laden / unladen	m/s	0.045/0.050
4.03	Lowering speed, laden / unladen	m/s	0.195/0.110
4.04	Max. gradeability, laden / unladen	%	4/10
4.05	Acceleration time with / without load	s	–
4.06	Service brake type		Electromagnetic

5 Motor / Battery

5.01	Drive motor rating S2 60 min	kW	0.75
5.02	Lift motor rating at S3 15%	kW	1.2
5.03	Maximum allowed battery size	mm	88 × 215 × 358
5.04	Battery voltage / nominal capacity K5	V/Ah	24/35
5.05	Battery weight	kg	8.5
5.06	Energy consumption acc. to VDI cycle	kW/h	–

6 Others

6.01	Type of drive control		DC
6.02	Steering type		Mechanical
6.03	Sound pressure level at the driver's ear	dB(A)	≤ 70



Dimension Drawings

Symbols correspond to the units column above.