

CDD16J-B / CDD20J-B · ELECTRIC STACKER (PEDESTRIAN)

Electric Power. 1.6 to 2.0 Tonnes.

"AC drive, ZF transmission and an H-type channel steel mast in a compact pedestrian stacker with a side-traction battery box."



COMPACT TURNING

1540-1560 mm
Turning Radius

Aisle, 1000 × 1200 crossways	2215-2235 mm
Aisle, 800 × 1200 lengthways	2165-2185 mm
Overall width	800 mm

4 Key Specifications

Rated Capacity 1.6-2.0 t (Load centre 600 mm)	Lift Height 3000-4600 mm (Standard mast)	Travel Speed 4.6-5 km/h (Laden)	Battery 24/210 V/Ah (Nominal capacity k3)
--	---	--	--

9 Product Features

01 AC Drive System

Strong power, more precise control and smoother operation.

04 Side-Traction Battery Box

Easy battery replacement, convenient for continuous operation.

07 Easy-Open Battery Cover

Convenient for adding distilled water or electrolyte to the battery.

02 ZF Transmission

Excellent performance, high efficiency and energy saving.

05 New Mast Structure

Offset operating handle gives better vision and guaranteed safety.

08 Easy Disassembly

Unscrew screws, remove front cover to inspect, repair, replace key parts.

03 H-Type Mast Channel Steel

High bending performance improves the overall mast strength.

06 Compact Body

Small turning radius, flexible operation in narrow space.

09 Optional Proportional Valve

Optional electromagnetic proportional valve control, more comfortable operation.

Technical Data

1 Characteristics

		CDD16J-B	CDD20J-B
1.01	Model		
1.02	Drive unit		Electric
1.03	Operator type		Pedestrian
1.04	Rated capacity	Q (kg)	1600
1.05	Load centre distance	c (mm)	600
1.06	Axle centre to fork face	x (mm)	725
1.07	Wheelbase	y (mm)	1360
1.08	Service weight (including battery)	kg	1075

2 Wheels / Tyres

3.1	Tyre type, driving / loading wheels		Polyurethane (PU)
3.2	Tyre size, driving wheels (diameter × width)	mm	Φ230×70
3.3	Tyre size, loading wheels (diameter × width)	mm	Φ80×70
3.4	Tyre size, caster wheels (diameter × width)	mm	Φ115×55
3.5	Wheels, number driving, caster / loading (x = drive wheels)	mm	1x, 1/4
3.6	Track width, front, driving side	b10 (mm)	525
3.7	Track width, rear, loading side	b11 (mm)	385/465/510

3 Dimensions

4.1	Height of mast, lowered	h1 (mm)	2010	2090
4.2	Free lift	h2 (mm)	0	1566
4.3	Lift height	h3 (mm)	3000	4600
4.4	Height, mast extended	h4 (mm)	3461	5125
4.5	Height of drawbar in driving position, min. / max.	h14 (mm)	800/1150	800/1150
4.6	Lowered height	h13 (mm)	86	86
4.7	Overall length	l1 (mm)	1950	1975
4.8	Length to face of forks	l2 (mm)	800	825
4.9	Overall width	b1 / b2 (mm)	800	800
4.10	Fork dimensions	s / e / l (mm)	60/186/1150	60/186/1150
4.11	Distance between fork arms	b5 (mm)	570/650/695	570/650/695
4.12	Ground clearance, centre of wheelbase	m2 (mm)	26	26
4.13	Aisle width, pallets 1000 × 1200 crossways	Ast (mm)	2215	2235
4.14	Aisle width, pallets 800 × 1200 lengthways	Ast (mm)	2165	2185
4.15	Turning radius	Wa (mm)	1540	1560

4 Performance

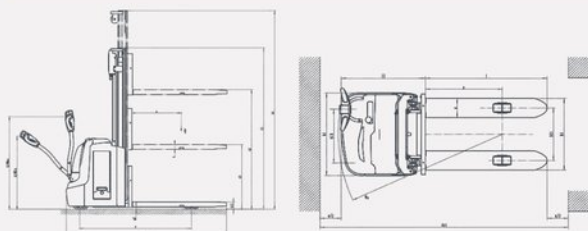
5.1	Travel speed, laden / unladen	km/h	5/6	4.6/6
5.2	Lifting speed, laden / unladen	mm/s	110/170	100/170
5.3	Lowering speed, laden / unladen	mm/s	150/140	190/160
5.4	Max. gradeability, laden / unladen	%	6/10	6/15
5.6	Service brake type		Electromagnetic	Electromagnetic

5 Motor / Battery

6.1	Drive motor rating S2 60 min	kW	1.5
6.2	Lift motor rating S3 15%	kW	3
6.4	Battery voltage / nominal capacity K5		24/210
6.5	Battery weight	kg	190

6 Others

8.1	Type of drive control		AC
8.2	Steering type		Mechanical
8.3	Sound pressure level at the driver's ear	dB(A)	≤ 70



Dimension Drawings

Symbols correspond to the units column above.