

CDD20J-BRM / ELECTRIC STACKER (STANDING ON)

Electric Stacker. 2 Tonnes. 3000 mm Lift.

“48V drive, a C + H channel steel mast and a standing-on platform with protection arm, built-in charger and split covers.”



COMPACT TURNING

I340 mm
Turning Radius

Aisle, 1000 × 1200 crossways	2225 mm
Aisle, 800 × 1200 lengthways	2200 mm
Overall length	1810 mm

4 Key Specifications

Rated Capacity 2000 kg (Load centre 600 mm)	Lift Height 3000 mm (Mast lowered 1995 mm)	Travel Speed 4.5/5.5 km/h (Laden / unladen)	Battery 4 × I2/65 V/Ah (Maintenance-free)
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11 Product Features

- 01 **48V Drive System**

Powerful power, precise control and smooth operation.
- 02 **C + H Channel Steel Mast**

High-strength mast with excellent bending performance.
- 03 **Explosion-Proof Hydraulics**

Prevents rapid mast drop if the oil pipe breaks, improving safety.
- 04 **Mast Speed Reduction Switch**

Above 300 mm lift height, travel speed is reduced for safer operation.
- 05 **Mast Iron Mesh Guard**

Keeps the view clear while separating operator and load.
- 06 **Emergency Reverse**

Handle function prevents the driver from being crushed.
- 07 **Turtle Speed Button**

Handle button suits different travel speeds for different conditions.
- 08 **Emergency Stop Switch**

Cuts power in case of an accident.
- 09 **Pedal and Protection Arm**

Auto-return pedal; strong, easy-fold arm protects the driver.
- 10 **Built-in Charger**

Maintenance-free battery with built-in charger for easy charging.
- 11 **Split Cover Panels**

Screw off the matching panel to service the main components.

Technical Data

1 Characteristics

1.01	Model		CDD20J-BRM
1.02	Drive unit		Electric
1.03	Operator type		Standing on
1.04	Rated capacity	Q (kg)	2000
1.05	Load centre distance	c (mm)	600
1.06	Axle centre to fork face	x (mm)	675
1.07	Wheelbase	y (mm)	1128
1.08	Service weight (incl. battery)	kg	740

2 Wheels / Tyres

3.01	Tyre type, driving / loading wheels		Polyurethane (PU)
3.02	Tyre size, driving wheels (dia. × width)	mm	Φ210×75
3.03	Tyre size, loading wheels (dia. × width)	mm	Φ80×70
3.04	Tyre size, caster wheels (dia. × width)	mm	Φ100×40
3.05	Wheels, number driving, caster/loading (x = drive wheels)	mm	1x,2/4
3.06	Track width, front, driving side	b10 (mm)	592
3.07	Track width, rear, loading side	b11 (mm)	515

3 Dimensions

4.01	Height of mast, lowered	h1 (mm)	1995
4.02	Free lift	h2 (mm)	0
4.03	Lift height	h3 (mm)	3000
4.04	Height of drawbar in driving position, min./max.	h14 (mm)	970/1330
4.05	Lowered height	h13 (mm)	86
4.06	Overall length	l1 (mm)	1810
4.07	Length to face of forks	l2 (mm)	660
4.08	Overall width	b1/b2 (mm)	820
4.09	Fork dimensions	s/e/l (mm)	60/180/1150
4.10	Distance between fork arms	b5 (mm)	695
4.11	Ground clearance, centre of wheelbase	m2 (mm)	26
4.12	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2225
4.13	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2200
4.14	Turning radius	Wa (mm)	1340

4 Performance

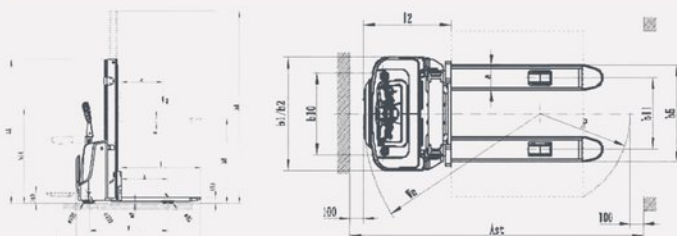
5.01	Travel speed, laden / unladen	km/h	4.5/5.5
5.02	Lifting speed, laden / unladen	m/s	0.085/0.15
5.03	Lowering speed, laden / unladen	m/s	0.11/0.10
5.04	Max. gradeability, laden / unladen	%	4/10
5.05	Service brake type		Electromagnetic

5 Motor / Battery

6.01	Drive motor rating S2 60 min	kW	1.0
6.02	Lift motor rating S3 15%	kW	2.2
6.03	Maximum allowed battery size	mm	4 × (230×140×180)
6.04	Battery voltage / nominal capacity K5		4 × 12/65
6.05	Battery weight	kg	4×15.3

6 Others

8.01	Type of drive control		DC speed control
8.02	Steering type		Mechanical steering
8.03	Sound pressure level at the driver's ear	dB(A)	≤ 70



Dimension Drawings

Symbols correspond to the units column above.