



AUTHORISED XILIN DEALER, IRELAND

Xilin CBD20KD

Product brochure

Supplied, serviced and supported in Ireland by AWE Forklifts

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Manufacturer brochure follows. Contact AWE for a written quote, demo or on-site visit.



Model:
CBD20KD-I

One set side way battery

AC



Conform to
ISO3691-1 EN1175:2020
EN12053 EN 16307-1
EN12100 EMC EN 12895
Related to CE directive:
2006/42/EC (Machinery)
2014/30/EU (Electromagnetic compatibility)



Drive System



CURTIS Handle (standard)



Frei tiller head (option)



Keypad access (option)



Model:
CBD20KD-II

Swing-out battery

AC



Swing-out battery tray
(CBD20KD-II)

Advantages:

SAFETY AND PRODUCTIVITY:

- Advanced AC control system eliminates the motor brushes and directional contactors, which makes the minimal maintenance requirements. Intelligentized regenerative brake system: increase overall truck performance by decreasing battery charge intervals.
- Side-way battery with roll-out system is very convenient to replace batteries. (CBD20KD-I)
- Emergency reversing device.
- Built-in pressure relief valve protects the trucks from overloading.
- Long handle tube supports flexible and laborsaving operation.
- Emergency power disconnect.
- Low speed switch in the handle.
- Stepless speed control.

STRUCTURAL:

- Water-proof and dust proof vertical driving wheel offers small turning radius.
- The riser axle located at the highest point of forks, protects riser axles from constant contact by uneven floors. Pull rod design against bending .
- Spring-loaded castors improve lateral stability on uneven floors and enhance truck performance and service life.
- Formed heavy gauge steel for maximum strength forks.

SERVICEABILITY:

- Low battery protection setting prolongs the battery life.
- Brushless motor easy for maintenance.
- All pivot points have grease fitting and serviceable bushing, reducing component-wearing.

Electric Walkie Pallet Truck



1KG=2.205LB 1INCH=25.40MM

	1.2	Model		CBD20KD-I	CBD20KD-II
General Information	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	Q (kg)	2000	2000
	1.6	Load centre distance	c (mm)	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	914/964/1034	914/964/1034
	1.9	Wheelbase	y (mm)	1309/1359/1429	1339/1389/1459
Weight	2.1	Service weight	kg	620	570
	2.2	Axle loading, laden front/rear	kg	1170/1450	1140/1430
	2.3	Axle loading, unladen front/rear	kg	470/150	430/140
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane(PU)	Polyurethane(PU)
	3.2	Tyre size, front		Φ250x70	Φ250x70
	3.3	Tyre size, rear		Single Φ82×106 Tamdem Φ82×98	Single Φ82×106 Tamdem Φ82×98
	3.4	Additional wheels (dimensions)		Φ127x57	Φ127x57
	3.5	Wheels, number front/rear (x = driven wheels)		1X+2/2(4)	1X+2/2(4)
	3.6	Tread, front	b10 (mm)	510	510
Dimensions	3.7	Tread, rear	b11 (mm)	340/370/470/505	340/370/470/505
	4.4	Max. lift height	h3 (mm)	120	120
	4.9	Height drawbar in driving position min./max.	h14 (mm)	530/1230	530/1230
	4.15	Height, lowered	h13 (mm)	82	82
	4.19	Overall length	l1 (mm)	1655/1705/1775	1685/1735/1805
	4.20	Length to face of forks	l2 (mm)	555	585
	4.21	Overall width	b1/b2 (mm)	775	775
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	54/180/1100(1150/1220)	54/180/1100(1150/1220)
	4.25	Fork spread	b5 (mm)	520/550/650/685	520/550/650/685
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	28	28
Performance Data	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2275/2320/2385	2305/2350/2415
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2160/2180/2220	2190/2210/2250
	4.35	Turning radius	Wa (mm)	1470/1520/1590	1500/1550/1620
	5.1	Travel speed, laden/unladen	km/h	5.8/6	5.8/6
Motors	5.2	Lift speed, laden/unladen	m/s	0.025/0.035(0.04/0.05)	0.025/0.035(0.04/0.05)
	5.3	Lowering speed, laden/unladen	m/s	0.035/0.03(0.06/0.055)	0.035/0.03(0.06/0.055)
	5.8	Max. gradeability, laden/unladen	%	8/20	8/20
	5.10	Service brake		Electromagnetic	Electromagnetic
Additional Data	6.1	Drive motor rating S2 60 min	kW	1.2	1.2
	6.2	Lift motor rating at S3 15%	kW	0.8/1.2	0.8/1.2
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/210	24/200
	6.5	Battery weight	kg	195	128
Additional Data	10.7	Sound pressure level at the driver's seat	dB (A)	70	70

* Option: Lithium battery 24V/150AH (Charger 24V/50A)
Lithium battery 24V/230AH (Charger 24V/100A)

