

CBD20R-II-Li

Li-ion Battery Rider Pallet Truck

Rated Capacity : 2000kg



- High power, low energy consumption, maintenance-free AC drive motor
- Safe and efficient design
Convenient and Comfortable Control Design
- Energy saving and environmental protection, with Electronic Power Steering system
- Optional : Cold Store Version(-25 degrees Celsius)
w/o Electronic Power Steering system

Malaysia Xilin Authorised Distributor

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www.nexen-one.com



Ningbo Ruyi Joint Stock Co. Ltd.

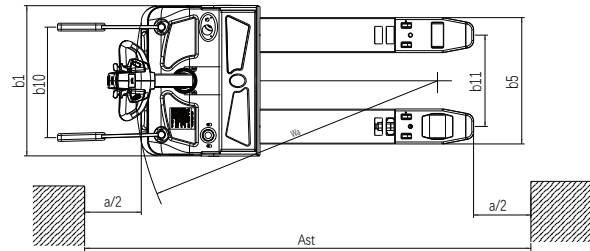
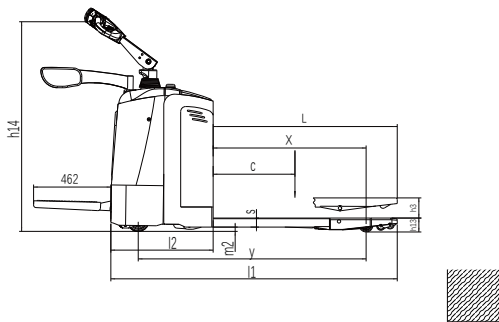
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结构示意图 structure shown in figure



产品特点 characteristic

安全·高效设计 | Safe and efficient design

- 手把设有紧急反向开关，整车操作更具安全性
Drive Handle with emergency reverse switch for safer operation
- 电量显示和工作时间显示
Power display and working time display
- 紧急断电开关
Emergency cut-off switch
- 龟速行驶开关
Slow running switch
- 无极变速控制
Variable speed control

结构优化设计 | Structural optimization design

- 弹簧调节结构的平衡轮耐磨损，稳定性好
The balance wheel with spring adjusting structure is wear-resistant and stable
- 交流电机，无需更换碳刷，具有良好的坡度启动性能等
AC motor, no need to replace the carbon brush, with good slope start performance
- 整个驱动单元回转半径小，轮子更换维护简单方便
The whole drive unit has a small turning radius, and the wheel is easy to replace and maintain
- 电机具有更好的防尘，防水效果，使得制动器和电机更经久耐用，可靠性得以提高
Motor has dustproof & waterproof protection, improving the reliability of the brake and motor

易维护设计 | Easy maintenance design

- 低电压保护系统，延长电瓶的使用寿命
Low voltage protection system, extend the battery life
- CANbus技术大大简化了线路，增强整车可靠性
CANbus technology greatly simplifies the line, enhance the reliability
- 霍尔传感器减少了电子元件磨损，增强使用寿命
Hall sensor reduces electronic component wear and enhances service life
- 转动轴上加润滑油嘴和衬套，方便用户更好地维护车子
Grease nozzles and bushing on the rotating shaft for easy maintenance
- 坚固的钢质外壳，打开方便，简捷，便于维护，检修
Strong steel shell, easy to open, simple, ease for maintenance

技术参数 technical parameters

特性	1.1	制造商 manufacturer		XILIN
	1.2	型号 model		CBD20R-II-Li
	1.3	驱动方式 drive way		Electric, Li-ion
	1.4	驾驶方式 driving way		Rider, Stand-On
	1.5	额定载荷 rated load	Q	kg 2000
	1.6	载荷中心距 load center	c	mm 600
	1.8	前悬距 before hanging from	x	mm 914/964/1034
	1.9	轮距 Wheel base	Y	mm 1211/1261/1331
	2.1	自重（带电瓶） dead weight (with battery)		kg 595
重量	2.2	轴负载，满载时前/后轴 axle load, front/rear axle when no load		kg 1245/1350
	2.3	轴负载，空载时前/后轴 axle load, front/rear axle when no load		kg 505/90
	3.1	轮子类型 The wheel type		Polyurethane
车轮	3.2	轮子尺寸，前轮 wheel size, front wheel		mm $\Phi 250 \times 70$
	3.3	轮子尺寸，后轮 wheel size, rear wheel		mm $\Phi 82 \times 126$
	3.4	附加轮 Additional rounds of		mm $\Phi 127 \times 57$
	3.5	轮，数量前/后 (x=驱动轮) Wheel, quantity front/rear (x= driving wheel)		1X/2/2 (4)
	3.6	前轮轮距 the front wheel track	b10	mm 537
	3.7	后轮轮距 the rear wheel tread	b11	mm 340/370/470/505
尺寸	4.4	起升高度 hoisting height	h3	mm 120
	4.9	操作位置的手柄高度 最小/最大 height of handle at operating position Min/Max	h14	mm 1050/1450
	4.15	最低高度 the minimum height	h13	mm 82
	4.19	总体长度 overall length	l1	mm 1710/1760/1830
	4.2	叉面长度 fork length	l2	mm 610
	4.21	车体宽度 body width	b1	mm 775
	4.22	货叉尺寸 pallet fork size	S/e/l	mm 54×180×1100 (1150/1220)
	4.25	货叉外宽 goods fork out wide	b5	mm 520/550/650/685
	4.32	轴距中心离地间隙 wheelbase clearance	m2	mm 28
	4.34.1	通道宽度，托盘1000x1200 (1200跨货叉放置) channel width, tray 1000x1200 (1200 cross fork placement)	Ast	mm 2360/2405/2475
	4.34.2	通道宽度，托盘800x1200 (1200沿货叉放置) channel width, tray 800x1200 Place along the fork	Ast	mm 2245/2270/2305
	4.35	转弯半径 turning radius	Wa	mm 1550/1600/1670
性能	5.1	行驶速度，满载/空载 Speed, full load/no load	Km/h	6.7/7.1
	5.2	起升速度，满载/空载 lifting speed, full load/no load	m/s	0.025/0.035
	5.3	下降速度，满载/空载 descending speed, full load/no load	m/s	0.035/0.030
	5.7	爬坡能力，装载/卸载 climbing ability, loading/unloading	%	8/20
驱动	5.10	行车制动 Travel brake		Electro-Magnetic
	6.1	驱动电机功率 driving motor power	kW	1.2
	6.2	提升电机功率 boost motor power	kW	0.8
	6.4	蓄电池电压/额定容量 battery voltage/rated capacity	V/Ah	24/225
	6.5	蓄电池重量 battery weight	kg	65
其他		蓄电池尺寸 (长X宽X高) Battery size (length X width X height)	mm	700×170×564
	8.4	驾驶员耳边噪音等级符合 DIN12053 Driver ear noise level in accordance with DIN12053	dB A	70