

CDD20R

Electric Rider Stacker



Characteristics

Configuration and performance

- Low gravity centre provides good stability.
- Damping cushion offers low-noise operation.
- Built-in pressure relief valve protects the truck from overloads, and thus increases the reliability.
- Multi-function display with BDI and hour meter is adopted.
- AC motor eliminates carbon brush replacement.
- Low voltage protection setting prolongs the battery life.
- Sideway battery is convenient for exchanging and maintaining.
- The mast and the frame are dividable and exchangeable.
- CANbus technology reduces wiring complexity and increase reliability.
- Hall element reduces wear components, offering increased component life.
- Vertical driving wheel offers small turning radius; dustproof waterproof motor is easy for maintenance.
- Supporting legs in both sides for triplex mast.

Safety

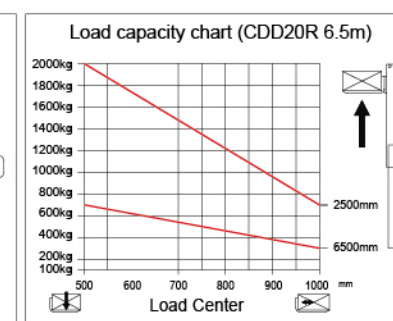
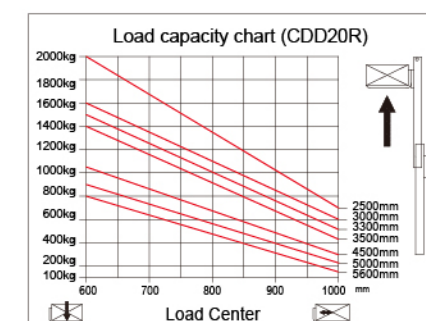
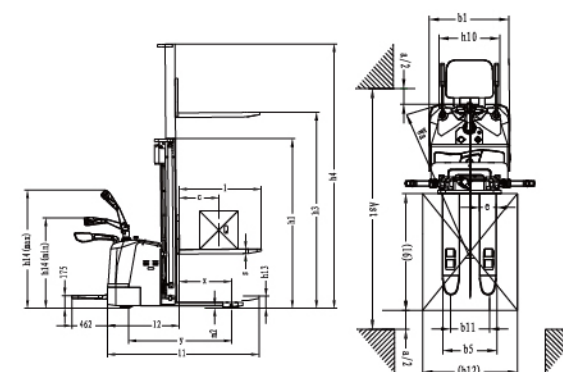
- Emergency reversing device on handle ensures truck safety.
- Emergency power disconnect switch is assembled on the truck.
- Brake state in handle upright and horizontal position of handle increases the reliability.
- The truck can automatic decelerate when quick turning.

AC / EPS

CDD20R

Manufacturer's Data and Technical Characteristics

Character					
1.01	Manufacturer			合力	
1.02	Model			CDD20R	CDD20R (6.5m)
1.03	Load capacity	Q	kg	2000	2000
1.04	Load center distance	C	mm	600	500
1.05	Driving mode			Stand-on	Stand-on
1.06	Front overhang	x	mm	672	672
1.07	Wheel base	Y	mm	1378	1408
Tyre					
2.01	Tyre type			Polyurethane	Polyurethane
2.02	Wheels number,Front/rear(X=driven wheels)			1x+2/4	1x+2/4
2.03	Track Width,front	b10	mm	580	676
2.04	Track Width,rear	b11	mm	404/525	404/525
2.05	Wheel size, front		mm	ø250x80	ø250x80
2.06	Wheel size, rear		mm	ø80x84	ø80x84
2.07	Wheel size, additional		mm	ø150x60	ø150x60
Dimension					
3.01	Lift height	h3	mm	2500/3000/3300/3500/4500/5000/5600	6500
3.02	Height, mast extended	h4	mm	2955/3455/3755/3955/5030/5510/6110	7050
3.03	Height, mast lowered	h1	mm	1735/1985/2135/2235/2050/2210/2410	2710
3.04	Height,lowered	h13	mm	1300/1550/1700/1800/1570/1740/1940	2240
3.05	Initial lift	h5	mm	90	90
3.06	Fork size	s/e/l	mm	60/180/1070(1150)	60/180/1070(1150)
3.07	Overall length	l1	mm	2020/2100	2100/2180
3.08	Length to face of forks	l2	mm	950	950
3.09	Overall width	b1	mm	850	950
3.10	Width across forks	b5	mm	570/695	570/695
3.11	Turning radius	Wa	mm	1655	1735
3.12	Aisle width with pallet 800Wx1200L,clearance 200	Ast	mm	2515	2595
3.13	Aisle width with pallet 1200Wx1000L,clearance 200	Ast	mm	2535	2615
3.14	Ground clearance	m2	mm	31	31
Performance					
4.01	Travelling speed,laden/unladen		km/h	7/7.1	7/7.1
4.02	Lifting speed,laden/unladen		m/s	0.11/0.16	0.11/0.16
4.03	Lowering speed,laden/unladen		m/s	0.12/0.11	0.12/0.11
4.04	Gradeability,laden/unladen		%	6/15	6/15
Electrical configuration					
5.01	Drive moter power		kw	1.5	1.5
5.02	Lifting moter power		kw	3	3
5.03	Battery voltage		V	24	24
5.04	Battery capacity		Ah	300	300
5.05	Battery dimensions l/w/h		mm	675x254x500	675x254x500
5.06	Controller			CURTIS	CURTIS
5.07	Brake			Electromagnetic	Electromagnetic
Weight					
6.01	Total weight(with battery)		kg	1280/1320/1350/1640/1680/1720/2020	1850
6.02	Battery weight		kg	300	300



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