

Electric Rider Stacker



Model:
CDDK20
Heavy Duty

Max.lift height:6.5M



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)



AC

EPS

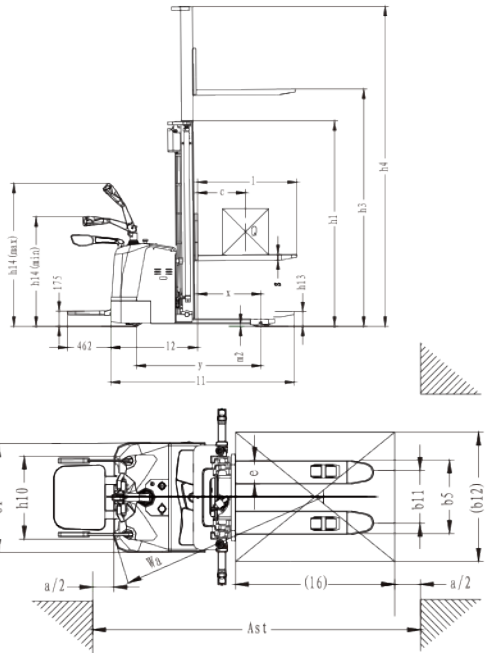
Advantages:

- Safety And Productivity**
- AC Motor eliminates replacement of carbon brush.
- Multi-function display with BDI and hour meter.
- Side way battery is easy to maintain.
- Damping cushion for low-noise operation;
- Emergency reversing device in the handle provides higher safety for the whole operation.
- Auto deceleration function makes operation more safely.
- Built-in pressure relief valve protects the trucks from overloads, increases the reliability.
- Braking applied with handle upright and horizontal position, increasing the safety of the truck.
- Emergency power disconnect switch.
- Turtle-shaped low speed switch.
- Stepless speed control.
- Supporting legs in both sides for triplex mast (Duplex mast without supporting legs).

- Optimum Structural Design**
- Low center of gravity ensures the stable operation.
- Vertical driving wheel ensures convenient maintenance and small turning radius. Water-proof and dust-proof motor structure, keeps the braking and motor more durable and reliable.
- The mast and the frame are dividable and exchangeable.
- Full free lifting, fit for working in low roof house.
- Serviceability**
- Low voltage protection setting prolongs the battery life time.
- The electronic components' concentrated design simplify the circuit and makes easy access to assemble, debug and maintain,
- CANbus technology reduces wiring complexity and increase reliability.
- Hall element reduces wear components, resulting in increased component life.

* photo shown for CDDK20 triplex mast

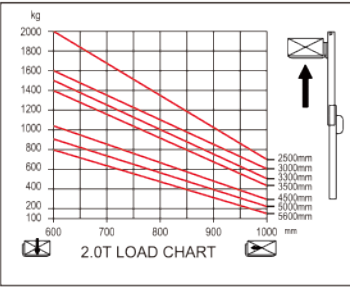
		1KG=2.205LB 1INCH=25.40MM	
General Information	1.2 Manufacturer's type designation	CDDK20	CDDK20
	1.3 Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric	Electric
	1.4 Operator type: hand, pedestrian, standing, seated, order-picker	Standing	Standing
	1.5 Rated capacity/rated load	Q (kg)	2000
	1.6 Load centre distance	c (mm)	600
Weight	1.8 Load distance, centre of drive axle to fork	x (mm)	672
	1.9 Wheelbase	y (mm)	1378
	2.1 Service weight	kg	1280/1320/1350/1640/1680/1720/1730
Tyres	2.2 Axle loading, laden front/rear	kg	1890/1660
	2.3 Axle loading, unladen front/rear	kg	1070/480
	3.1 Tyres: solid rubber, superelastic, pneumatic, polyurethane	Polyurethane	Polyurethane
Dimensions	3.2 Tyre size, front	Φ250x80	Φ250x80
	3.3 Tyre size, rear	Φ80x84	Φ80x84
	3.4 Additional wheels (dimensions)	Φ150x60	Φ150x60
	3.5 Wheels, number front/rear (x = driven wheels)	1x+1/4	1x+1/4
	3.6 Tread, front	b10 (mm)	540
	3.7 Tread, rear	b11 (mm)	405/525
	4.2 Height, mast lowered	h1 (mm)	1735/1985/2135/2235/2050/2210/2410
	4.3 Free lift	h2 (mm)	1300/1550/1700/1800/1570/1740/1940
	4.4 Max. lift height	h3 (mm)	2500/3000/3300/3500/4500/5000/5600
	4.5 Height, mast extended	h4 (mm)	2955/3455/3755/3955/5030/5510/6110
Performance Data	4.9 Height drawbar in driving position min./max.	h14 (mm)	1150/1450
	4.10 Height of wheel arms	h8 (mm)	81
	4.15 Height, lowered	h13 (mm)	90
	4.19 Overall length	l1 (mm)	2020(2100)
	4.20 Length to face of forks	l2 (mm)	950
	4.21 Overall width	b1/b2 (mm)	850
	4.22 Fork dimensions DIN ISO 2331	s / e / l (mm)	60/180/1070(1150)
	4.25 Fork spread	b5 (mm)	570/695
	4.32 Ground clearance, centre of wheelbase	m2 (mm)	31
	4.34.1 Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2535
Motors	4.34.2 Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2515
	4.35 Turning radius	Wa (mm)	1655
	5.1 Travel speed, laden/unladen	km/h	7.0/7.1
Additional Data	5.2 Lift speed, laden/unladen	m/s	0.11/0.16
	5.3 Lowering speed, laden/unladen	m/s	0.12/0.11
	5.8 Max. gradeability, laden/unladen	%	6/15
Motors	5.10 Service brake	Electromagnetic	Electromagnetic
	6.1 Drive motor rating S2 60 min	kW	1.5(AC)
	6.2 Lift motor rating at S3 15%	kW	3
	6.4 Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/300
	6.5 Battery weight	kg	260
Additional Data	10.7 Sound pressure level at the driver's seat	dB (A)	70



*Option: CDDK20(6.5m) with fork width of 695mm without stabilizer.
With EPS the drive wheel size is 250x80mm.



CDDK20(6.5M) Special Heavy Duty type Stacker with strong chassis base and high load capacity at high lifting height.



Max. Lifting
Height 6.5M

