

Electric Rider Straddle Stacker



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 low speed switch.
- Stepless speed control.

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.



Model:
CTDK15

Straddle legs
& adjustable
forks

AC

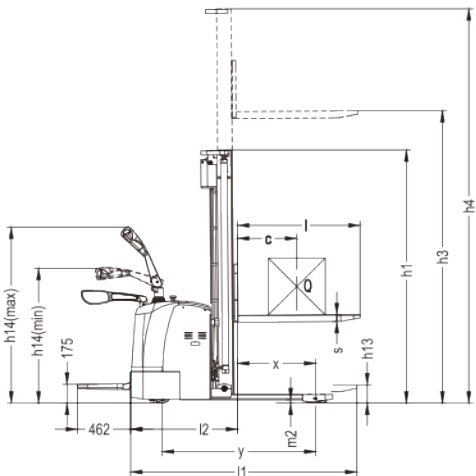
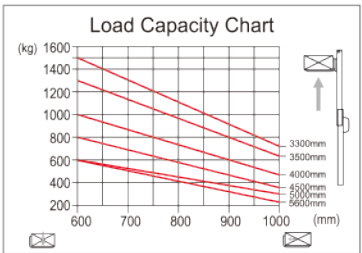
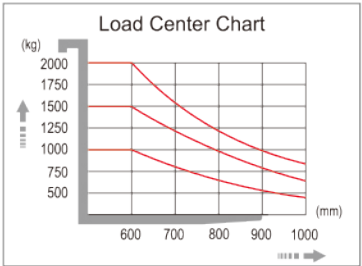
EPS
(Option)

* photo shown with model
CTDK15-II with duplex mast

1KG=2.205LB 1INCH=25.40MM

General Information	1.2 Manufacturer's type designation	CTDK15- I		CTDK15- II		CTDK15- III	CTDK15- III
		Electric		Electric		Electric	Electric
1.3 Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Standing		Standing		Standing	Standing
1.4 Operator type: hand, pedestrian, standing, seated, order-picker		Standing		Standing		Standing	Standing
1.5 Rated capacity/rated load	Q (kg)	1500		1500		1500	1500
1.6 Load centre distance	c (mm)	600		600		600	600
1.8 Load distance, centre of drive axle to fork	x (mm)	677		677		795	795
1.9 Wheelbase	y (mm)	1415		1415		1460	1460
Weight	2.1 Service weight	kg	1260/1285/1300/1310/1360/1380/1400	1260/1285/1300/1310	1360/1380/1400	940/960/980/1005	1280/1310/1365
	2.2 Axle loading, laden front/rear	kg	1830/1180				1340/1120
	2.3 Axle loading, unladen front/rear	kg	1040/470				734/226
Tyres	3.1 Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane		Polyurethane		Polyurethane
	3.2 Tyre size, front		Φ250x70		Φ250x70		Φ250x70
	3.3 Tyre size, rear		Φ80x84		Φ98x82		Φ98x82
	3.4 Additional wheels (dimensions)		Φ150x60		Φ150x60		Φ150x60
	3.5 Wheels, number front/rear (x = driven wheels)		1x+1/4		1x+2/2		1x+2/2
	3.6 Tread, front	b10 (mm)	540		586		586
	3.7 Tread, rear	b11 (mm)	1040-1440		1066-1466		1066-1466
Dimensions	4.2 Height, mast lowered	h1 (mm)	1805/2055/2205/2305/2120/2280/2480	1805/2055/2205/2305	2120/2280/2480	2145/1895/2145/2295/2395	2120/2280/2480
	4.3 Free lift	h2 (mm)	1300/1550/1700/1800/1570/1740/1940	1300/1550/1700/1800	1570/1740/1940	N/A	1570/1740/1940
	4.4 Max. lift height	h3 (mm)	2500/3000/3300/3500/4500/5000/5600	2500/3000/3300/3500	4500/5000/5600	1600/2500/3000/3300/3500	4500/5000/5600
	4.5 Height, mast extended	h4 (mm)	3025/3525/3825/4025/5080/5560/6160	3025/3525/3825/4025	5080/5560/6160	2145/3145/3645/3995/4145	5060/5560/6160
	4.9 Height drawbar in driving position min./max.	h14 (mm)	1150/1450				670/1300
	4.10 Height of wheel arms	h8 (mm)	86		125		125
	4.15 Height, lowered	h13 (mm)	70		70		70
	4.19 Overall length	l1 (mm)	2020(2100)		2055(2135)		2055(2135)
	4.20 Length to face of forks	l2 (mm)	962		970		970
	4.21 Overall width	b1/b2 (mm)	1170-1570		1190-1590		1190/1590
	4.22 Fork dimensions DIN ISO 2331	s / e / l (mm)	35/100/1070(1150)		35/100/1070(1150)		35/100/1070(1150)
	4.25 Fork spread	b5 (mm)	200-800		200-800		200-800
	4.32 Ground clearance, centre of wheelbase	m2 (mm)	35		65		65
	4.34.1 Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2565		2670		2670
Performance Data	4.34.2 Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2545		2585		2585
	4.35 Turning radius	Wa (mm)	1695		1850		1850
	5.1 Travel speed, laden/unladen	km/h	7.0/7.1		6.5/6.7		6.5/6.7
	5.2 Lift speed, laden/unladen	m/s	0-0.16/0-0.24		0.09/0.16		0.09/0.16
	5.3 Lowering speed, laden/unladen	m/s	0-0.39/0-0.26		0.15/0.16		0.15/0.16
	5.8 Max. gradeability, laden/unladen	%	8/15		6/15		6/15
	5.10 Service brake		Electromagnetic		Electromagnetic		Electromagnetic
Motors	6.1 Drive motor rating S2 60 min	kW	1.5(AC)		1.5(AC)		1.5(AC)
	6.2 Lift motor rating at S3 15%	kW	3		2.2		2.2
	6.4 Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/300	24/240	24/300	24/200	24/200
	6.5 Battery weight	kg	260	220	260	160	160
Additional Data	10.7 Sound pressure level at the driver's seat	dB (A)	70		70		70

*Option: With EPS the drive wheel size is 250x80mm.



Model	Remarks
CTDK15- I	High configuration with proportional valve
CTDK15- II	Standard configuration
CTDK15- III	Light duty type

