



MAKE EVERYTHING EASIER





\* photo shown for CDDK20 triplex mast

# CDDK20

## Heavy Duty



**AC** **EPS**

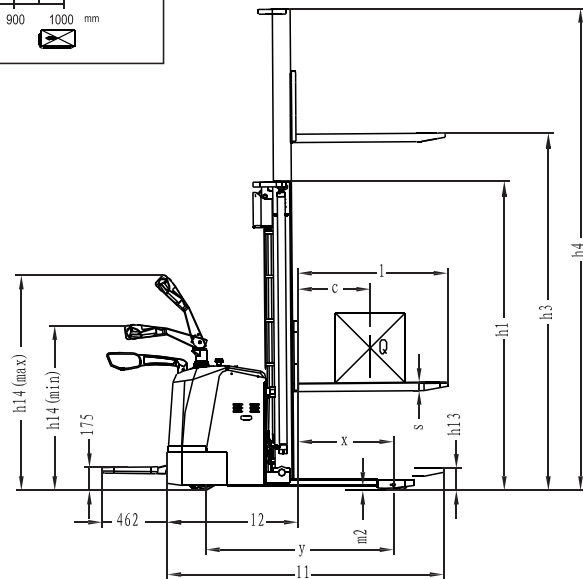
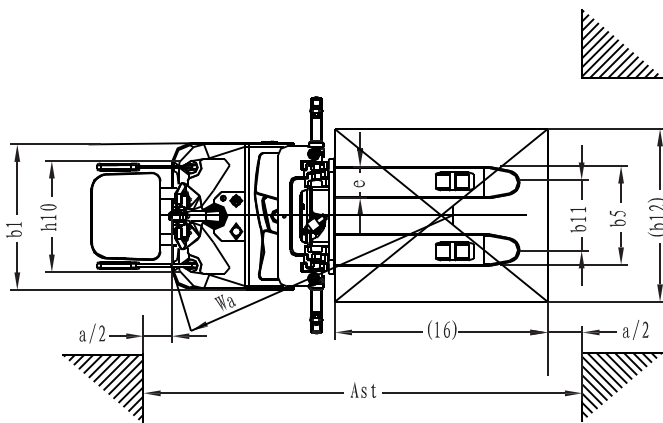
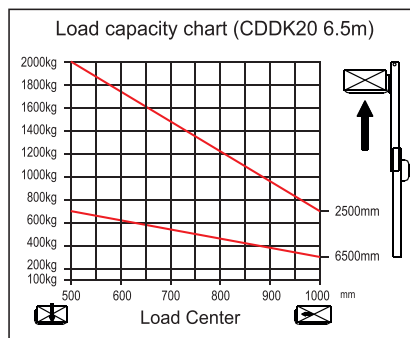
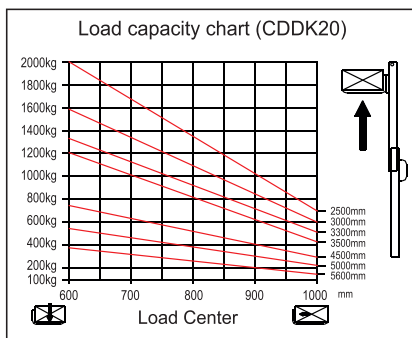


Conforms to EN ISO3691-1  
EN1175-1  
EN16307-1  
Based on Directive 2006/42/EC

Model		CDDK20	CDDK20
Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric
Operator type: hand, pedestrian, standing, seated, order-picker		Standing	Standing
Rated capacity/rated load	Q (kg)	2000	2000
Load centre distance	c (mm)	600	500
Load distance, centre of drive axle to fork	x (mm)	672	672
Wheelbase	y (mm)	1378	1408
Service weight	kg	1280/1320/1350/1640/1680/1720/2020	1850
Axle loading, laden front/rear	kg	1890/1660	2090/1760
Axle loading, unladen front/rear	kg	1070/480	1270/580
Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane
Tyre size, front		¢250*80	¢250*80
Tyre size, rear		¢80*84	¢80*84
Additional wheels (dimensions)		¢150*60	¢150*60
Wheels, number front/rear (x = driven wheels)		1x+1/4	1x+1/4
Tread, front	b <sub>10</sub> (mm)	580	676
Tread, rear	b <sub>11</sub> (mm)	404/525	404/525
Height, mast lowered	h <sub>1</sub> (mm)	1735/1985/2135/2235/2050/2210/2410	2710
Free lift	h <sub>2</sub> (mm)	1300/1550/1700/1800/1570/1740/1940	2240
Lift	h <sub>3</sub> (mm)	2500/3000/3300/3500/4500/5000/5600	6500
Height, mast extended	h <sub>4</sub> (mm)	2955/3455/3755/3955/5030/5510/6110	7050
Height drawbar in driving position min./max.	h <sub>14</sub> (mm)	1150/1450	1150/1450
Height of wheel arms	h <sub>8</sub> (mm)	81	81
Height, lowered	h <sub>13</sub> (mm)	90	90
Overall length	l <sub>1</sub> (mm)	2020(2100)	2100(2180)
Length to face of forks	l <sub>2</sub> (mm)	950	950
Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)	850	900
Fork dimensions DIN ISO 2331	s/e/l (mm)	60/180/1070(1150)	60/180/1070(1150)
Fork spread	b <sub>5</sub> (mm)	570/695	570/695
Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	31	31
Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2535	2615
Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2515	2595
Turning radius	Wa (mm)	1655	1735
Travel speed, laden/unladen	km/h	7.0/7.1	7.0/7.1
Lift speed, laden/unladen	m/s	0.11/0.16	0.11/0.16
Lowering speed, lade/unladen	m/s	0.12/0.11	0.12/0.11
Max. gradeability, laden/unladen	%	6/15	6/15
Service brake		Electromagnetic	Electromagnetic
Drive motor rating S2 60 min	kW	1.5(AC)	1.5(AC)
Lift motor rating at S3 15%	kW	3	3.0
Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/300	24/300
Battery weight	kg	260	260
Sound pressure level at the driver's seat	dB (A)	70	70

**Option:** CDDK20(6.5m) with fork width of 695mm without stabilizer.

With EPS the drive wheel size is 250x80mm



## SAFETY AND PRODUNCTIVITY:

- 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.

# Max. Lifting Height 6.5M



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





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