

### CDD16J Electric pallet stacker

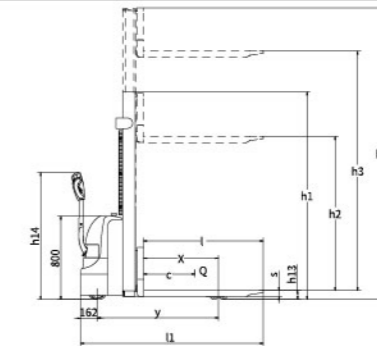
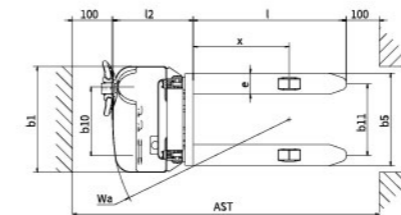
#### Characteristics:

1. AC drive; carbon-brush free and maintenance free.
2. ZF transmission box has superior performance, high working and energy efficiency.
3. The truck adopts side operation mode and has small turning radius and wide view.
4. Imported waterproof inching switch is suitable for harsh application such as cold, humid and dust environment.
5. LED electricity meter with four color is easy for reading.
6. External placed charger has better cooling performance.
7. Over length operation handle integrating lifting buttons, key switch and electricity meter satisfy ergonomic requirements and make operation easier; low speed switch makes speed control more accurate; good air pressure type can reset automatically and slowly and it is durable.
8. High-density protection guard is solid and durable.



#### Manufacturer's Data and Design Characteristics

Characteristics							
1.1	Manufacturer	合力 (HELI)					
1.2	Model	CDD16J					
1.3	Operator type	Pedestrian propelled					
1.4	Rated capacity	Q (kg)	1600				
1.5	Mast type	Single mast	2-Stage STD				
1.6	Lift height	h3 (mm)	1600	2000	2500	3000	3500
1.7	Capacity at highest height	kg	1600	1600	1600	1350	1100
1.8	Service weight with battery	kg	420	485	510	535	560
1.9	Load centre	c (mm)	600				
1.10	Axle centre to fork face	x (mm)	720				
1.11	Wheel base	y (mm)	1167				
1.12	Controller	CURTIS					
Wheels							
2.1	Tyre type	Polyurethane					
2.2	Tyre size, Driving wheel	Φ×w(mm)	Φ230×70				
2.3	Bearing wheel size	Φ×w(mm)	Φ80×70				
2.4	Additional wheels (dimensions)	Φ×w(mm)	Φ150×58				
2.5	Wheels, number front/rear (x=driven)	1x+1/4					
Dimensions							
3.1	Height of mast, lowered	h1 (mm)	2014	1495	1745	1995	2245
3.2	Height of mast, extended	h4 (mm)	2014	2424	2924	3424	3924
3.3	Lowered height	h13 (mm)	86				
3.4	Overall length	l1 (mm)	1755				
3.5	Length to fork face	l2 (mm)	605				
3.6	Overall width	b1/ b2 (mm)	795				
3.7	Fork dimensions	s/e/l (mm)	60/180/1150				
3.8	Width of forks	b5 (mm)	570/650/695				
3.9	Min.Ground clearance	m2 (mm)	26				
3.10	Aisle width with pallet1000 x 1200 across forks	Ast (mm)	2068				
3.11	Aisle width with pallet800 x 1200 along forks	Ast (mm)	2034				
3.12	Min.Turning radius	Wa (mm)	1336				
Performance							
4.1	Travel speed,with/without load	(km/h)	4.0/4.2				
4.2	Lifting speed, with/without load	(mm/s)	92/136				
4.3	Lowering speed, with/without load	(mm/s)	112/98				
4.4	Max. gradeability laden/unladen	(%)	6/8				
4.5	Service brake type	Electromagnetic brake					
Drive and Battery							
5.1	Drive motor,output S2 60 min.	(kW)	1.5 (AC)				
5.2	Lift motor rating at S3 15%	(kW)	2.2				
5.3	Battery according to DIN 43531/35/36 A,B,C,no	no					
5.4	Battery voltage/rated capacity	(V/Ah)	2×12/120				
5.5	Battery weight (± 5%)	(kg)	2×34				
Others							
6.1	Sound pressure level at driver's ear	(dB(A))	70				
6.2	Steering type	Mechanical steering					



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