

### CDD15/20J-S Electric Pallet Stacker with Initial Lift

#### Characteristics:

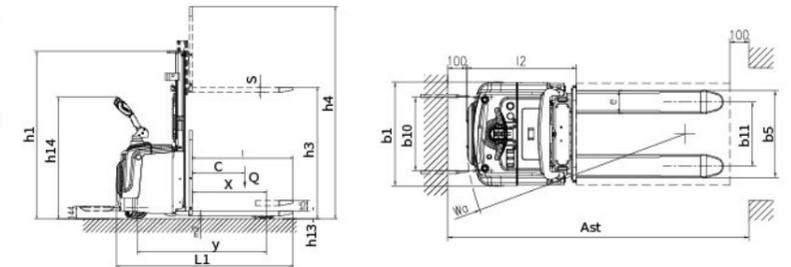
1. Double-pallet handling at one time improves efficiency.
2. The truck has beautiful appearance, compact structure and small steering radius.
3. AC drive system, electronic powered steering and vertical reducer make the truck easy to operate and have excellence performance.
4. Standard configuration of emergency stop switch and emergency reverse device ensure truck safety.
5. Booster cylinder and channel steel mast are safe and reliable.
6. External positioned charger has better cooling performance.
7. Battery side pulling way supports continuous operation and makes maintenance convenient.



#### Manufacturer's Data and Design Characteristics

Characteristics		HELI				HELI						
1.1	Manufacturer	HELI				HELI						
1.2	Model	CDD15J-S				CDD20J-S						
1.3	Operator type	Stand on				Stand on						
1.4	Rated capacity	1500				2000						
1.5	Mast type	2-Stage STD		3-Stage Full free		2-Stage STD		3-Stage Full free				
1.6	Lift height	h3(mm)	2000	2500	3000	3500	4600	2000	2500	3000	3500	4600
1.7	Load centre	c(mm)	600				600					
1.8	Axle centre to fork face	x(mm)	848				868					
1.9	Wheel base	y(mm)	1472				1576					
1.10	Controller	Curtis				Curtis						
Wheels		PU				PU						
2.1	Tyre type	PU				PU						
2.2	Tyre size.Driving wheel	Φ×w(mm)	Φ250×75				Φ250×75					
2.3	Bearing wheel size	Φ×w(mm)	Φ80×70				Φ80×70					
2.4	additional wheels (dimensions)	Φ×w(mm)	Φ115×55				Φ115×55					
2.5	Wheels, number front/rear (x = driven)	1x, 2/4				1x, 2/4						
Dimensions		2000				2097						
3.1	Height of mast, lowered	h1(mm)	1549	1799	2049	2299	2139	1549	1799	2049	2299	2139
3.2	Height of mast, extended	h4(mm)	2443	2943	3443	3943	5344	2443	2943	3443	3943	5344
3.3	Free lift	0				1550						
3.4	Lowered height	h13(mm)	90				90					
3.5	Height of pallet, extended	h5(mm)	120				120					
3.6	Overall length	l1	2000				2097					
3.7	Length to fork face	l2	850				945					
3.8	Overall width	b1	808				808					
3.9	Fork dimensions	s/e/l	60/180/1150				60/180/1150					
3.10	Width of forks	b5	685				685					
3.11	Min.Ground clearance	m2	28				24					
3.12	Height drawbar in driving position min./max.	h14	1065/1365				1065/1365					
3.13	Aisle width with pallet 1000 x 1200 across forks	Ast	2530				2630					
3.14	Aisle width with pallet 800 x 1200 along forks	Ast	2443				2535					
3.15	Min.Turning radius	Wa	1710				1860					
Performance		5.2/5.5				5.2/5.5						
4.1	Travel speed,with/without load	(km/h)	5.2/5.5				5.2/5.5					
4.2	Lifting speed, with/without load	(mm/s)	100/130				120/190					
4.3	Lowering speed, with/without load	(mm/s)	180/140				200/120					
4.4	Max. gradeability laden/unladen	(%)	6/8				6/8					
4.5	Service brake	Electromagnetic				Electromagnetic						
Drive and battery		1.5				1.5						
5.1	Drive motor,output S2 60 min	(kw)	1.5				1.5					
5.2	Lift motor rating at S3 15%	(kw)	2.2				3					
5.3	Battery according to DIN 43531/35/36A,B,C.no	B				B						
5.4	Battery voltage/rated capacity	(V/Ah)	24/210				24/210					
5.5	Battery weight(± 5%)	(kg)	190				190					
Others		AC				AC						
6.1	Type of drive control	AC				AC						
6.2	Sound pressure level at driver's ear	(dB(A))	≤70				≤75					
6.3	Steering type	Electronic steering				Electronic steering						

- 1) For trucks with a capacity of 1.5t, when carrying out double-deck operation, the lifting capacity of the mast (upper pallet) is up to 1000kg, and the lifting capacity of the lower pallet is 0-1500kg, but the total load shall not exceed 1500kg;
- 2) For trucks with a capacity of 2.0t, when carrying out double-deck operation, the lifting capacity of the mast (upper pallet) is up to 1200kg, and the lifting capacity of the lower pallet is 0-2000kg, but the total load shall not exceed 2000kg.



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