

# HELI

## CBS10J/CBS15J/CBS20J

Semi-electric pallet stacker

### Characteristics:

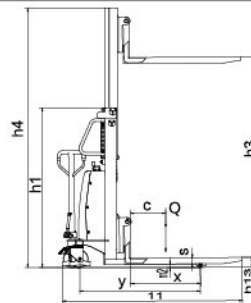
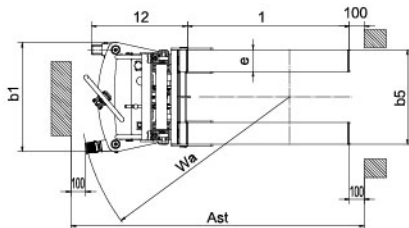
- 1.The hydraulic power unit has a compact structure with sensitive response ;the main parts generally come from global well-known suppliers.
- 2.Imported motor relay has quick response,excellent contact performance and long service time.
- 3.High quality hydraulic cylinder and circuit system ensures stable and reliable operation.
- 4.External charger has better cooling performance,can avoid damage caused by operating vibration.
- 5.Aviation plug,which is used to connect charger and battery,is easy,safe and durable to operate.
- 6.Emergency button can cut off the power in case of emergency situation.



# CBS10J/CBS15J/CBS20J

## Manufacturer's Data and Design Characteristics

Characteristics														
1.01	Manufacturer		HELI											
1.02	Model		CBS10J					CBS15J					CBS20J	
1.03	Operation		Handle											
1.04	Rated traction weight	Q (kg)	1000					1500					2000	
1.05	Mast type		Single mast	2-Stage STD				Single mast	2-Stage STD				Single mast	2-Stage STD
1.06	Lift	h3 (mm)	1600	2000	2500	3000	3500	1600	2000	2500	3000	3500	1600	2000
1.07	Capacity at highest height	kg	1000	800	700	600	500	1500	1200	1050	900	750	2000	1600
1.08	Service weight(include battery)	kg	315	365	374	380	405	320	374	385	395	415	325	380
1.09	Load centre	c (mm)	450											
1.10	Axle centre to fork face	x (mm)	705	700				705	700				705	700
1.11	Wheel base	y (mm)	1195											
Wheels														
2.01	Wheels type		Nylon/Polyurethane											
2.02	Driving wheel size	Φ × w (mm)	Φ 180 × 50											
2.03	Bearing wheel size	Φ × w (mm)	Φ 74 × 70											
2.04	Additional wheels ( dimensions )	Φ × w (mm)	Φ 180 × 50											
2.05	Wheels, number front/rear (x = driven)		1, 1/2											
Dimensions														
3.01	Height of mast, lowered	h1 (mm)	2077	1577	1827	2077	2327	2077	1577	1827	2077	2327	2077	1577
3.02	Height of mast, extended	h4 (mm)	2077	2567	3067	3567	4067	2077	2567	3067	3567	4067	2077	2567
3.03	Fork Height, Lowered	h13 (mm)	85											
3.04	Overall length	l1 (mm)	1600 ( 900 Pallet fork ) / 1800 ( 1100 Pallet fork )											
3.05	Length to fork face	l2 (mm)	700											
3.06	Overall width	b1 (mm)	760											
3.07	Fork dimensions	e/l (mm)	150/900 ( 1100 )											
3.08	Width of forks	b5 (mm)	550/640				640	550/640				640	550/640	
3.09	Min.Ground clearance	m2 (mm)	32											
3.10	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	2250											
3.11	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2240											
3.12	Min.Turning radius	Wa (mm)	1350											
Performance														
4.01	Lifting speed, with/without load	(mm/s)	78/145	76/143				78/145	76/143				78/145	76/143
4.02	Lowering speed, with/without load	(mm/s)	123/107	104/93				127/111	108/97				131/115	112/101
4.03	Service brake		Machinery											
Drive and Battery														
5.01	Lift motor rating at S3 15%	(kW)	1.5											
5.02	Battery according to DIN 43531/35/36 A,B,C,no		no											
5.03	Battery voltage/rated capacity	(V/Ah)	12/120											
5.04	Battery weight ( ± 5% )	(kg)	36											
Others														
6.01	Noise level at operator' s ears	(dB(A))	67											



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