

HELI • ELECTRIC FORKLIFT • CPD18



STANDARD SPECIFICATIONS

CPD18

CHARACTERISTICS

Load capacity	kg	1.800
Load center	mm	500
Power type		Battery
Standard lifting height	mm	3.000
Free lift	mm	155
Overall length (with forks)	mm	2.153
Overall length (to face of forks)	mm	3.073
Overall height (overhead guard)	mm	2.160
Overall width	mm	1.070
Overall weight incl. battery	kg	3.350

WHEELS & TIRES

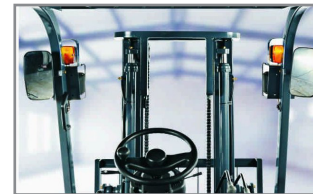
Tire type		Pneumatic
Tire size front		6.50-10-10PR
Tire size rear		5.00-8-10PR
Number of Wheels (X=driven) front/rear		2x/2
Wheel base	mm	1.370

PERFORMANCE

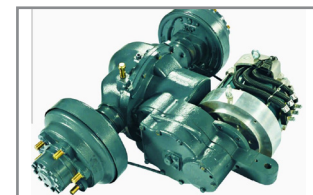
Outer turning radius	mm	1.960
Travel speed (fwd/rvs) with/without load	km/h	14/15
Lifting speed with/without load	mm/s	280/530
Lowering speed	mm/s	450
Drawbar pull with load	N	9.500
Gradeability with load	%	15

BRAKES

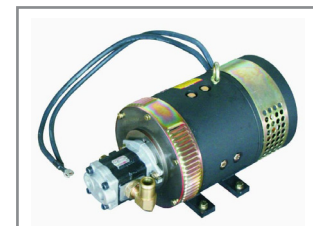
Service brake		Hydraulic
Parking brake		Mechanical



- Newly designed wide-view mast •
↓ blind area



- High-power AC motor •
↑ Travel speed 15%



- UNLOADED lifting speed ↑ 20%
LOADED lifting speed ↑ 12%

HELI • ELECTRIC FORKLIFT • CPD18

BATTERY & MOTOR CPD18

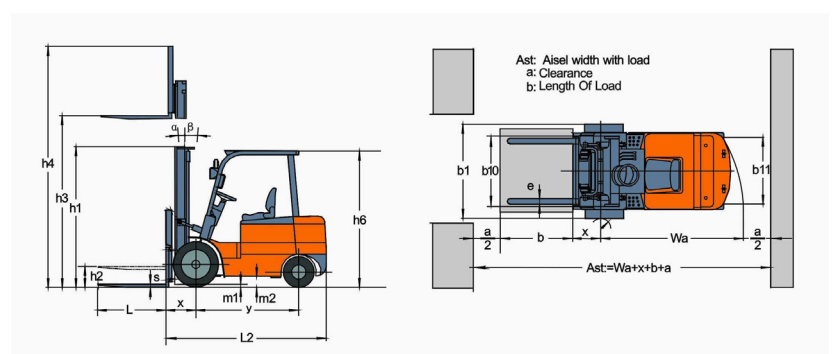
BATTERY CPD18			
Voltage / Rated Capacity (5h)	V/Ah	48/550*	
Battery weight	kg	1075	
Compartment for battery storage	mm	727 x 980 x 500	
MOTOR & CONTROLLER CPD18			
Drive motor - 60 min. rating	kW	8.0 (AC)	8.0 (AC)
Drive motor - 15 min. rating	kW	7.5 (AC)	8.6 (AC)
Drive Motor Control Method		MOSFET/AC	MOSFET/AC
Pump Motor Control Method		MOSFET/DC	MOSFET/DC
Relief Pressure	Mpa	14.5	17.5

*As a consequence of the higher capacity, some of the dimensions slightly differ from the dimensions on the frontpage.

MAST DIMENSIONS CPD18 (not exhaustive)

Lifting height	DUPLEX MAST		Lifting height	DUPLEX MAST FULL FREE	
	Lowered height	Free lift		Lowered height	Free lift
2.500 mm	1.750 mm	/	2.500 mm	1.750 mm	735 mm
3.000 mm	1.750 mm	/	3.000 mm	1.750 mm	985 mm
3.500 mm	1.750 mm	/	3.500 mm	1.750 mm	1.235 mm
4.000 mm	1.700 mm	/	4.000 mm	1.700 mm	1.535 mm
4.500 mm	1.550 mm/1.700 mm*	/	4.500 mm	1.550 mm/1.700 mm*	1.785 mm
5.000 mm	1.000 mm/1.600 mm*	/	5.000 mm	1.000 mm/1.600 mm*	2.035 mm
5.500 mm	950 mm/1.500 mm*	/	5.500 mm	950 mm/1.500 mm*	2.335 mm
6.000 mm	600 mm/1.400 mm*	/	6.000 mm	600 mm/1.400 mm*	2.585 mm

Lifting height	TRIPLEX MAST	
	Lowered height	Free lift
3.600 mm	1.750 mm	780 mm
4.000 mm	1.600 mm	910 mm
4.500 mm	1.500 mm/1.650 mm*	1.080 mm
5.000 mm	1.000 mm/1.550 mm*	1.280 mm
5.400 mm	800 mm/1.480 mm*	1.410 mm
6.000 mm	550 mm/1.380 mm*	1.640 mm
6.500 mm	1.250 mm*	1.845 mm



*Rated capacity with front dual tires