

# HELI • ELECTRIC FORKLIFT • CPD30



## STANDARD SPECIFICATIONS

## CPD30

### CHARACTERISTICS

Load capacity	kg	3.000
Load center	mm	500
Power type		Battery
Standard lifting height	mm	3.000
Free lift	mm	145
Overall length (with forks)	mm	3.555
Overall length (to face of forks)	mm	2.485
Overall height (overhead guard)	mm	2.215
Overall width	mm	1.225
Overall weight incl. battery	kg	4.810

### WHEELS & TIRES

Tire type		Pneumatic
Tire size front		28 x 9-15-12PR
Tire size rear		18 x 7-8-14PR
Number of Wheels (X=driven) front/rear		2x/2
Wheel base	mm	1.680

### PERFORMANCE

Outer turning radius	mm	2.210
Travel speed with/without load	km/h	15.0/15.5
Lifting speed with/without load	mm/s	280/450
Lowering speed	mm/s	500
Drawbar pull with load	N	15600
Gradeability with load	%	15

### BRAKES

Service brake		Hydraulic
Parking brake		Mechanical



- Newly designed wide-view mast •  
↓ blind area



- High-power AC motor •  
Travel speed ↑ 25%  
Gradient performance ↑ 50%



- Unloaded lifting speed ↑ 20%  
Loaded lifting speed ↑ 12%

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## BATTERY & MOTOR CPD25

BATTERY CPD25		
Voltage / Rated Capacity (5h)	V/Ah	48/600
Battery weight	kg	1125
Compartment for battery storage	mm	525 x 1050 x 807
MOTOR & CONTROLLER CPD25		
Drive motor - 60 min. rating	kW	11.1 (AC)
Drive motor - 15 min. rating	kW	10.5 (AC)
Drive Motor Control Method		MOSFET/AC
Pump Motor Control Method		MOSFET/DC
Relief Pressure	Mpa	17.5

## MAST DIMENSIONS CPD30 (not exhaustive)

DUPLEX MAST			DUPLEX MAST FULL FREE		
Lifting height	Lowered height	Free lift	Lifting height	Lowered height	Free lift
2.500 mm	1.815 mm	/	2.500 mm	1.820 mm	594 mm
3.000 mm	2.075 mm	/	3.000 mm	2.070 mm	844 mm
3.500 mm	2.315 mm	/	3.500 mm	2.320 mm	1.094 mm
4.000 mm	2.615 mm	/	4.000 mm	2.620 mm	1.394 mm
4.500 mm	2.865 mm	/	4.500 mm	2.870 mm	1.644 mm
5.000 mm	3.115 mm	/	5.000 mm	3.120 mm	1.894 mm
5.500 mm	3.415 mm	/	5.500 mm	3.420 mm	2.194 mm
6.000 mm	3.665 mm	/	6.000 mm	3.670 mm	2.444 mm

TRIPLEX MAST		
Lifting height	Lowered height	Free lift
3.600 mm	1.946 mm	670 mm
4.000 mm	2.065 mm	795 mm
4.500 mm	2.240 mm	970 mm
5.000 mm	2.440 mm	1.170 mm
5.400 mm	2.565 mm	1.295 mm
6.000 mm	2.790 mm	1.520 mm

