

# HELI

• ELECTRIC FORKLIFT •  
**CPD35**



## STANDARD SPECIFICATIONS

## CPD35

### CHARACTERISTICS

Load capacity	kg	3.500
Load center	mm	500
Power type		Battery
Standard lifting height	mm	3.000
Free lift	mm	150
Overall length (with forks)	mm	3.620
Overall length (to face of forks)	mm	2.550
Overall height (overhead guard)	mm	2.215
Overall width	mm	1.225
Overall weight incl. battery	kg	5.500

### WHEELS & TIRES

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

### PERFORMANCE

Outer turning radius	mm	2.270
Travel speed with/without load	km/h	14.5/15.0
Lifting speed with/without load	mm/s	360/220
Lowering speed	mm/s	500
Drawbar pull with load	N	17.500
Gradeability with load	%	12

### 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 CPD35

BATTERY CPD35		
Voltage / Rated Capacity (5h)	V/Ah	80/480
Battery weight	kg	1580
MOTOR & CONTROLLER CPD35		
Drive motor - 60 min. rating	kW	16.6 (AC)
Drive motor - 15 min. rating	kW	13 (AC)
Drive Motor Control Method		MOSFET/AC
Pump Motor Control Method		MOSFET/DC
Relief Pressure	Mpa	21

## MAST DIMENSIONS CPD35 (not exhaustive)

DUPLEX MAST			DUPLEX MAST FULL FREE		
Lifting height	Lowered height	Free lift	Lifting height	Lowered height	Free lift
2.500 mm	1.930 mm	/	2.500 mm	1.930 mm	750 mm
3.000 mm	2.180 mm	/	3.000 mm	2.180 mm	1.000 mm
3.500 mm	2.430 mm	/	3.500 mm	2.430 mm	1.250 mm
4.000 mm	2.730 mm	/	4.000 mm	2.730 mm	1.550 mm
4.500 mm	2.980 mm	/	4.500 mm	2.980 mm	1.800 mm
5.000 mm	3.230 mm	/	5.000 mm	3.230 mm	2.050 mm
5.500 mm	3.530 mm	/	5.500 mm	3.530 mm	2.350 mm
6.000 mm	3.780 mm	/	6.000 mm	3.780 mm	2.600 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

