

# HELI

• ELECTRIC FORKLIFT •  
**CPD45**



## STANDARD SPECIFICATIONS

## CPD45

### CHARACTERISTICS

		CPD45
Load capacity	kg	4.500
Load center	mm	500
Power type		Battery
Standard lifting height	mm	3.000
Free lift	mm	90
Overall length (with forks)	mm	3.820
Overall length (to face of forks)	mm	2.750
Overall height (overhead guard)	mm	2.290
Overall width	mm	1.350/1.250
Overall weight with/without battery	kg	6.850/4.950

### WHEELS & TIRES

Tire type		Superelastic
Tire size front		250-15
Tire size rear		21 x 8-9
Number of Wheels (X=driven) front/rear		2x2
Wheel base	mm	1.800

### PERFORMANCE

Outer turning radius	mm	2.520
Travel speed (fwd/rvs)	km/h	13.5/14.5
Lifting speed with/without load	mm/s	290/490
Lowering speed	mm/s	410
Drawbar pull with load	N	21.000
Gradeability with load	%	15

### BRAKES

Service brake	Hydraulic
Parking brake	Mechanical

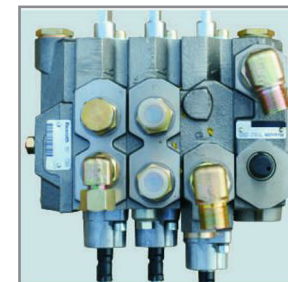
- Wide view mast
- Extra leg room
- Hydraulic levers next to the seat (hood)
- Full suspension seat with seat belt
- Full lighting package, mirrors, backup alarm, rear working lamp
- Full AC drive, steering and hydraulic with Can Bus systems
- 80-volt systems
- Zapi standard controller



Newly designed wide-view mast  
• lessens blind area



AC drive motor



Excellent lift control system  
• imported Rexroth multi-way valve  
• energy-saving  
• reliable quality

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## BATTERY & MOTOR CPD45

BATTERY CPD45		
Voltage / Rated Capacity (5h)	V/Ah	80/650
Battery weight	kg	1.900
Battery standard		DIN
MOTOR & CONTROLLER CPD45		
Drive motor - 60 min. rating	kW	18
Drive motor - 15 min. rating	kW	8.6+13
Drive Motor Control Method		MOSFET/AC
Drive Motor Control Method		MOSFET/DC
Relief Pressure	Mpa	18



Battery with automatic water inlet device

## MAST DIMENSIONS CPD45 (not exhaustive)

Lifting height	DUPLEX MAST	
	Lowered height	Free lift
3.000 mm	2.382 mm	/
3.500 mm	2.632 mm	/
4.000 mm	2.932 mm	/
4.500 mm	3.182 mm	/
5.000 mm	3.432 mm	/
5.500 mm	3.732 mm	/
6.000 mm	3.982 mm	/

Lifting height	TRIPLEX MAST	
	Lowered height	Free lift
3.600 mm	2.120 mm	900 mm
4.000 mm	2.255 mm	1.035 mm
4.500 mm	2.420 mm	1.200 mm
5.000 mm	2.635 mm	1.415 mm
5.500 mm	2.855 mm	1.635 mm
6.000 mm	3.020 mm	1.802 mm

