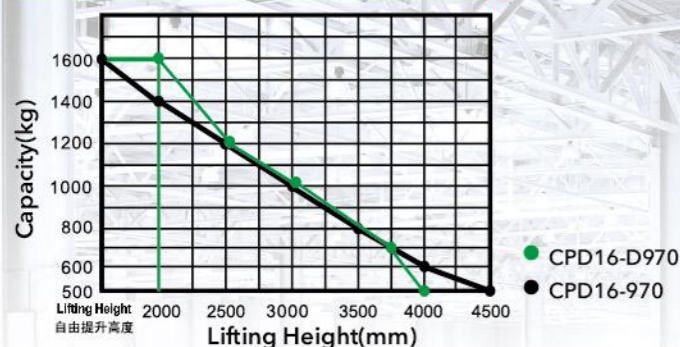


# CPD16

## 1.6 Ton Counterbalanced Electric Stacker

LIFTING HEIGHT: 1400-4500MM

### Load Curve



## Advantages

### Configuration and Performance

- Electronic power steering system, light and low noise.
- Two-way magnetic valve, three drop speed mode.
- AC Driving system, No carbon brush, maintenance free.
- Electromagnetic, regenerative braking system.
- Automatic lifting limit, proximity switch, long life.

### Safety

- Curve automatic deceleration devices, more safe.
- Vehicle decelerates automatically at higher position.
- Stepless speed control system, safe and quiet.
- Controller with Multiple automatic protection.
- Emergency reversing device/Emergency brake switch.
- High position automatic reduction device.



AC | EPS

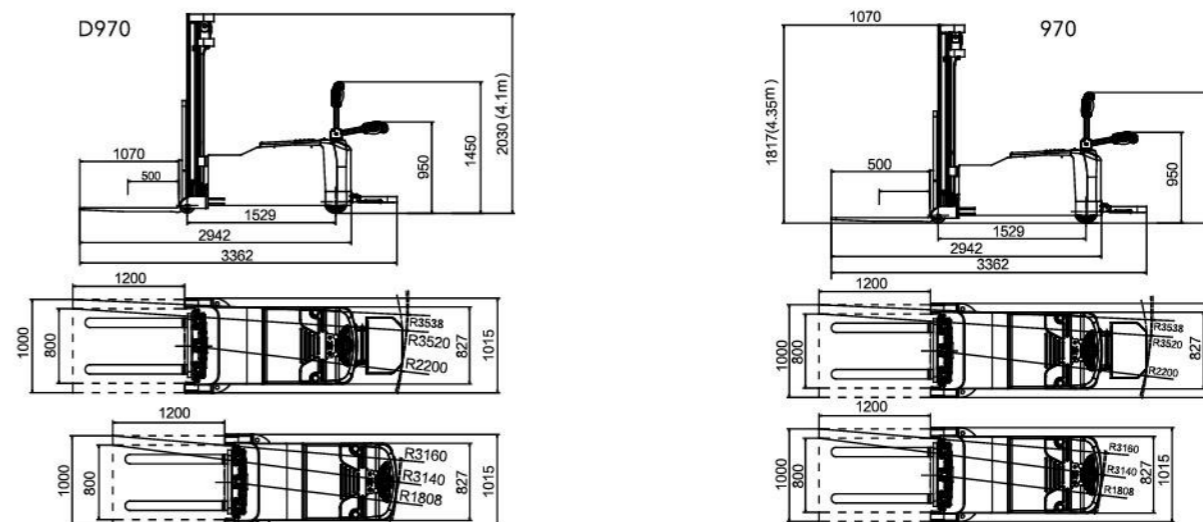
Options fork tilt device

Counter-balanced electric stacker

Type	Lift height (mm)	Mast type	Option
CPD16-D970	1400/2000/2500/3000/3300/3600/4000	Standard 2-STAGE	TILTING DEVICE
CPD16-970	3700/3900/4200/4500	FULL FREE 3-STAGE	TILTING DEVICE

Feature		CPD16-D970	CPD16-970
Model		CPD16-D970	CPD16-970
Type		Counterbalanced	
Mast type		Standard 2-Stage	Full free 3-Stage
Load capacity	kg	1600	1600
Load center	mm	500	500
Wheel base	mm	1529	1529
Operating type		Walkie/Stand On	
<b>Wheels</b>			
Wheels type		PU	PU
Wheel quantity Driving wheel/ Balance wheel/Bearing wheel		1/0/2	1/0/2
<b>Dimension</b>			
Standard lift height	mm	1400/2000/2500/3000/ 3300/3600/4000	3700/3900/4200/4500
Lowered fork height	mm	55	55
Fork size(length/width/thickness)	mm	1070/100/40	1070/100/40
Overall length	mm	2942/3362	2942/3362
Overall width	mm	1015	1015
Max.extend height	mm	2500/3100/3600/4100 /4400/4700/5100	4350/4550/4650/5150
Mast lowered height	mm	1230/1550/1780/2030 /2130/2330/2545	1817/1917/2002/2102
Min.Turning radius	mm	1808/2200	1808/2200
Min.Aisle width for pallets 800×1200	mm	3140/3520	3140/3520
Min.Aisle width for pallets 1000×1200	mm	3160/3538	3160/3538
Min.ground clearance	mm	80	80
<b>Performance</b>			
Travel speed,laden/unladen	km/h	5/5	5/5
Lift speed,laden/unladen	mm/s	130/180	130/180
Lowering speed,laden/unladen	mm/s	100/230	100/230
Gradeability,laden/unladen	%	5/7	5/7
<b>Electrical configuration</b>			
Drive motor/Lift motor/Steering motor	kW	AC1.5/DC3/DC0.15	AC1.5/DC3/DC0.15
Battery voltage	V	24	24
Battery capacity	Ah	270	270
Brake		Electromagnetic/Regenerative	
Controller		ZAPI (Options CURTIS)	
<b>Weight</b>			
Battery weight	kg	247	247
Service weight with battery	kg	1869	1947

\* Details of specifications and equipment are based on information available at time of printing and may change without notice.



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