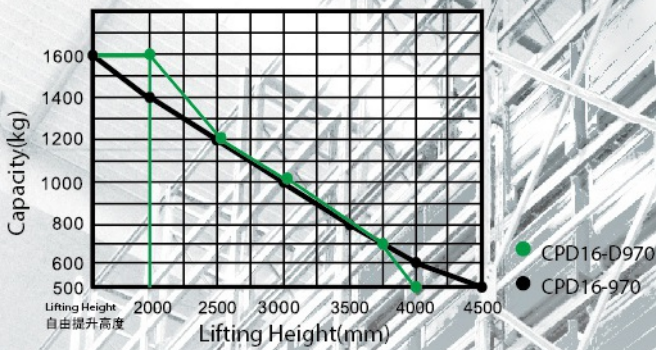


CPD16-D970/970 Counterbalanced Electric Stacker

Load Curve



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

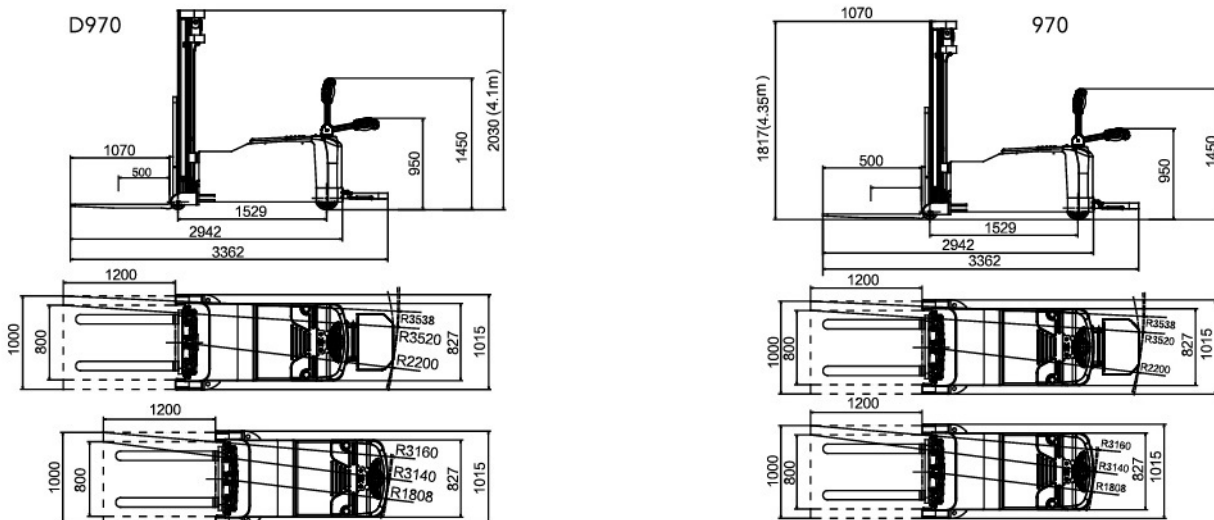
Options for tilt device

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	
Wheels			
Wheels type		PU	PU
Wheel quantity Driving wheel/ Balance wheel/Bearing wheel		1/0/2	1/0/2
Dimension			
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	1230/1580/1780/2030 /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
Performance			
Travel speed,laden/unladed	km/h	5/5	5/5
Lift speed,laden/unladed	mm/s	130/180	130/180
Lowering speed,laden/unladed	mm/s	100/230	100/230
Gradeability,laden/unladed	%	5/7	5/7
Electrical configuration			
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	
Weight			
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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