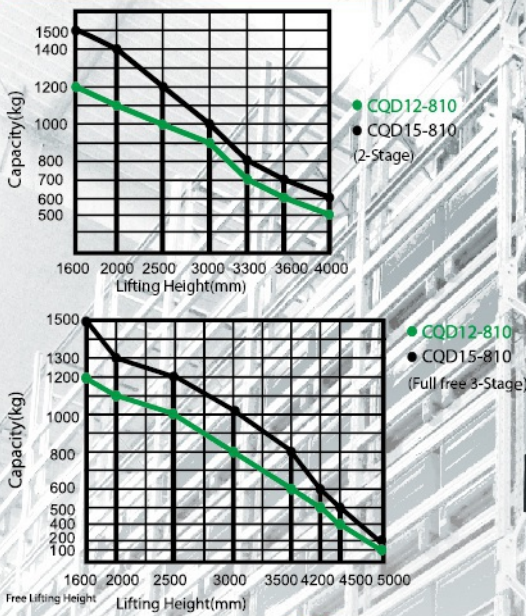


## CQDM12/15-810 Counterbalanced Reach Stacker

### Load Curve



### Configuration and performance

- Fork tilt, double oil cylinder more smoothly.
- Electro-hydraulic integrated control, multi-function handle. 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**

**Down mode at 3 speeds**

**Standard fork tilt device**

Type	Lift height (mm)	Mast type	Outside width between forks (mm)	Inside width between forks (mm)
CQDM12/15-810	1400/2000/2500/3000/3300/3600/4000	Standard 2-STAGE	200-755	0-555
CQDM12/15-810	2500/3700/3900/4200/4500/5000	FULL FREE 3-STAGE		

Max lift height more than 3300, tilting device can not accept.

Feature			
Model		CQDM12/15	CQDM12/15
Configuration No.		810	810
Type		Reach	Reach
Mast type		Standard 2-Stage	Full free 3-Stage
Load capacity	kg	1200/1500	1200/1500
Load center	mm	500	500
Wheel base	mm	1332	1332
Operating type		Stand On	Stand On
Wheels			
Wheels type		PU	PU
Wheel quantity Driving wheel/ Balance wheel/Bearing wheel		1/0/2	1/0/2
Dimension			
Reach distance	mm	0-425	0-425
Standard lift height	mm	1400/2000/2500/3000/3300/3600/4000	2500/3700/3900/4200/4500/5000
Max.extend height	mm	2280/2880/3380/3880/4180/4480/4880	3405/4605/4805/5105/5405/5905
Mast lowered height	mm	1490/1790/2040/2290/2440/2590/2790	1432/1870/1940/2040/2140/2359
Lowered fork height	mm	55	55
Fork size(length/width/thickness)	mm	1070/100/40	1070/100/40
Overall length	mm	2440/2896	2440/2896
Overall width	mm	1083	1083
Outside width between forks	mm	200-755	200-755
Tilt of fork(F/B)	mm	3/5	3/5
Min.Turning radius	mm	1596/2040	1596/2040
Min.Aisle width for pallets 800×1200	mm	2620/3050	2620/3050
Min.Aisle width for pallets 1000×1200	mm	2645/3075	2645/3075
Min.ground clearance	mm	60	60
Performance			
Travel speed,laden/unladed	km/h	5/5.5	5/5.5
Lift speed,laden/unladed	mm/s	130/180	130/180
Lowering speed,laden/unladed	mm/s	100/180	100/180
Gradeability,laden/unladed	%	3/5	3/5
Electrical configuration			
Drive motor/Lift motor/Steering motor	KW	AC1.5/DC3.0/DC0.15	AC1.5/DC3.0/DC0.15
Battery voltage	V	24	24
Battery capacity	Ah	280	280
Brake		Electromagnetic/Regenerative	Electromagnetic/Regenerative
Controller		ZAPI	ZAPI
Weight			
Battery weight	kg	235	235
Service weight with battery	kg	2185	2205

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

