

Counterbalanced Reach Truck



Model: CQD25-D

Advantages:

- HIGH EFFICIENCY AND FLEXIBILITY**
- One-key start + password login , more convenient to start the truck .
 - Electric power steering system(EPS).
 - 180/360 degree steering mode.
 - AC motor provides high driving speed (laden/unladen): 10.5/11 km per hour.
 - 4-stage driving speed selection.
 - Intelligently optimized turning speed control system: The system analyzes the tire angle, driving and steering direction, then automatically adjusts the speed to achieve maximum safety performance.
 - Fork side camera system provides better view, avoids the problem of being blocked by the pallets while stacking.
 - Luxurious cushion seat equipped with OPS function.
 - Standard integral side shifter.

- SAFETY AND STABILITY**
- The mast adopts an offset design, optimizes the operator views.
 - Height limit function, high speed limit function, turning speed limit function.
 - The mast moving speed will be automatically reduce while reaching the end position.
 - FULL AC control system with CAN communication technology.
 - The service brake is operated by hydraulic brake and regenerative brake at the same time , with short braking distance.
 - Automatic electromagnetic brake after parking.
 - Seat with power-off switch while operator leave the seat.
 - Standard: warning lights, headlights, rear view mirrors.
 - Option: ACS function (when the mast is lifted and moved forward, it can reduce the truck vibration)

- SERVICE ABILITY**
- One-piece upper cover with open design, convenient to maintain the controller, lifting pumps, hydraulic devices, drive motors and brake systems, etc.
 - Sideway battery can be moved out with mast together, convenient to maintain/ replace the battery.
 - All electric parts are integrated modular design, easy for installation/ maintenance.



NEW

2500KG

PT PADMA DYNAMIKA SENTOSA
AUTHORIZED DISTRIBUTOR XILIN INDONESIA

The Console Has Been Fully Optimized And Upgraded

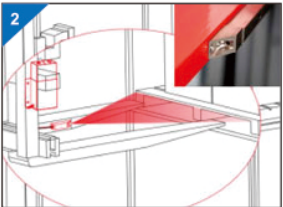
- The thumb switch imported from Germany, tilts forward fit to ergonomic design, convenient to operate; the thumb can conveniently control the front/rear button and the horn .
- The arm rest is designed with poly foam cushion, more comfortable for long-term operation.
- Switch button is integrated (to control LED headlights, fans, red light, etc.), with extended functions for easy operation.
- The steering wheel is adjustable front and rear, equipped with steering damping.
- The console is designed with multiple storage.
- Large-screen color instrument, real-time display of vehicle speed, working mode, working time, battery

- power, wheel angle and faults and other information (Option for mechanical control).
- With password login interface. (For magnetic control)
 - All function can be operated with touch screen control, such as forward/backward switch, headlight control, horn control, 180/360 degree by one-key switch of steering mode, etc.
 - It can communicate with camera system and display the image directly on the instrument.
 - It can communicate with the vehicle weighing system and display the weight of the goods on the instrument in real time(Option) .
 - It can communicate with the vehicle height positioning system, display the height of the forks on the instrument in real time, and carry out the operation of fixed height/fixed floor.option(Option) .

- OPTION**
- Camera system
 - Quick lifting function
 - Weighing system
 - Blue light
 - Touch screen instrument
 - High capacity battery (800AH , 930AH)
 - Lithium battery
 - Documents holder



Fully upgraded console
Large-screen instrument and finger-tip sticks, adopt Germany ELOBAU, with ergonomics design, can display battery power, wheel angle, faults and other information.



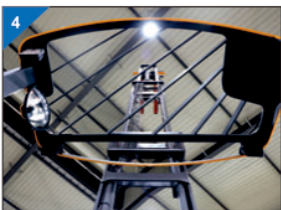
Fork camera
The camera system is equipped on the fork, which provides a better view during fork moving, avoid the problems that view may be blocked by the pallet feet while stacking. The camera is made of stainless steel, IP protection grade is IP69, the shockproof grade is 10G. Not afraid of bump.



One-piece cover
The cover can be opened to ensure the maintenance easy and fast.



- Adjustable steering wheel



Wide view mast
The mast system and roof guard adopt new structure, optimize operators' view.



ASC forklift active stabilization system
When the mast moves forward and backward, the service brake will be locked automatically, which can ensure truck does not move forward and backward, improve the stability of the truck.



- Adjustable cushion seat



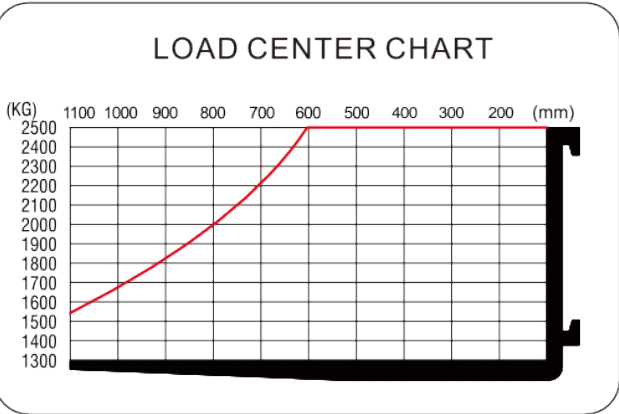
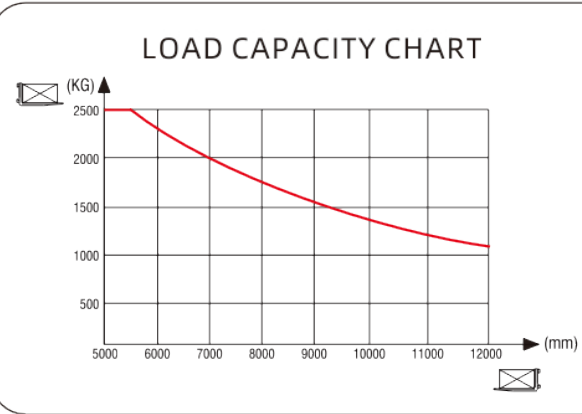
- The battery can be removed with the mast, and with side-way structure to facilitate the maintenance or replacement of the battery.

Counterbalanced Reach Truck



Mast table

		3000	3500	4000	5000	5500	6200	7400	8000	8600	9500	10200	11100	11700	12000	12500	13000
Max.lifting height	h3(mm)																
Capacity,mast extended	kg	2500	2500	2500	2500	2500	2350	1320	1215	1115	1500	1350	1250	1200	1100	950	850
Height,mast lowered	h1(mm)	2240	2490	2740	2340	2480	2740	3190	3390	3590	3890	4220	4520	4720	4820	4990	5190
Free lift(with load-backrest)	h2(mm)	0	0	0	1400	1568	1800	2250	2450	2650	2950	3280	3580	3780	3880	4050	4250
Free lift(without load-backrest)	h2(mm)	0	0	0	1736	1904	2136	2536	2736	2936	3236	3600	3900	4100	4200	4368	4536
Height, mast extended	h4(mm)	3940	4440	4940	5940	6440	7140	8340	8940	9540	10440	11140	12040	12640	12940	13440	13940



Load Capacity chart With battery 1215*500*751mm, 1250kg

	LC=600mm	LC=700mm	LC=800mm	LC=900mm	LC=1000mm
Lift height (mm)	Residual Capacity (kg), with integral sideshift				
≤6000	2500	2226	2006	1826	1675
6200	2350	2092	1886	1716	1574
7400	2050	1825	1645	1497	1373
8000	1900	1692	1525	1387	1273
8600	1750	1558	1404	1278	1172
9500	1500	1336	1204	1095	1005
10200	1400	1246	1123	1022	938
10750	1350	1202	1083	986	904
11100	1250	1113	1003	913	837
11500	1200	1068	963	876	804
11700	1150	1024	923	840	770
12000	1100	979	883	803	737

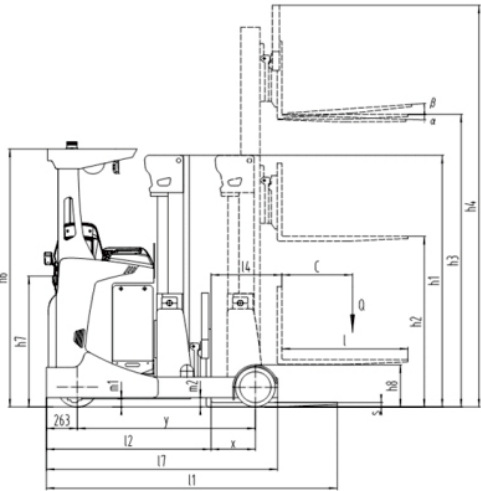
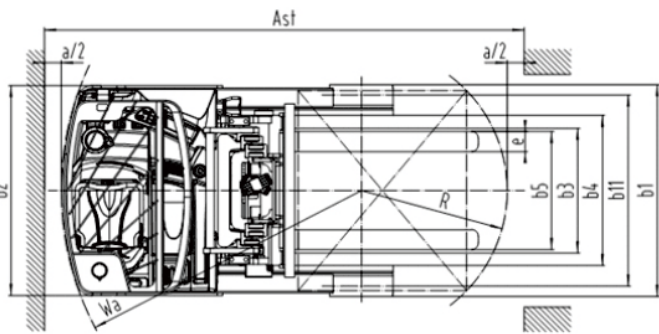
Load Capacity chart

	1215*420*751	1215*420*751	1215*500*751	1215*500*751
Lead- acid	1000kg	1090Kg	1250Kg	1350 Kg
	700 Ah	775 Ah	840 Ah	930 Ah
Lift height (mm)	Residual Capacity (kg) , LC=600mm, with integral sideshift			
≤6000	2500	2500	2500	2500
6200	2250	2300	2350	2400
7400	1950	2000	2050	2100
8000	1800	1850	1900	1950
8600	1650	1700	1750	1800
9500	1400	1450	1500	1550
10200	1300	1350	1400	1450
10750	1250	1300	1350	1400
11100	1200	1200	1250	1300
11500	1100	1150	1200	1250
11700	1050	1100	1150	1200
12000	1000	1050	1100	1150

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	1.2 Manufacturer's type designation	CQD25-D
Features	1.3 Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric
	1.4 Operator type: hand, pedestrian, standing, seated, order-picker	Seated
	1.5 Rated capacity/rated load	2500
	1.6 Load centre distance	600
	1.8 Load distance, centre of drive axle to fork	378
Weight	1.9 Wheelbase	1650
	2.1 Service weight	5830
	2.3 Axle loading, unladen front/rear	2850/3180
	Axle loading, fork retracted, unladen front/rear	2350/3750
	2.4 Axle loading, fork advanced, laden front/rear	1150/6950
Tyres	2.5 Axle loading, fork retracted, laden front/rear	2850/5330
	3.1 Tyres: solid rubber, superelastic, pneumatic, polyurethane	polyurethane
	3.2 Tyre size, front	Φ343×140
	3.3 Tyre size, rear	Φ343×140
	3.5 Wheels, number front/rear (x = driven wheels)	1x/2
Dimensions	3.6 Tread, front	b10 (mm)
	3.7 Tread, rear	b11 (mm)
	4.1 Tilt of mast/fork carriage forward/backward	a/b (°)
	4.2 Height, mast lowered	h1 (mm)
	4.3 Free lift(with load-backrest)	h2 (mm)
	Free lift(without load-backrest)	h2(*) (mm)
	4.4 Lift height	h3 (mm)
	4.5 Height, mast extended	h4 (mm)
	4.7 Height of overhead guard (cabin)	h6 (mm)
	4.8 Seat height relating to SIP/stand height	h7 (mm)
	4.10 Height of wheel arms	h8 (mm)
	4.19 Overall length	l1 (mm)
	4.20 Length to face of forks	l2 (mm)
	4.21 Overall width	b1/b2 (mm)
	4.22 Fork dimensions DIN ISO 2331	s / e / l (mm)
	4.23 Fork carriage ISO 2338, class/type A, B	28
	4.24 Fork-carriage width	b3 (mm)
	4.25 Fork spread	b5 (mm)
	4.26 Distance between wheel arms/loading surfaces	b4 (mm)
	4.28 Reach distance	l4 (mm)
	4.31 Ground clearance, laden, below mast	m1 (mm)
	4.32 Ground clearance, centre of wheelbase	m2 (mm)
	4.34.1Aisle width for pallets 1000 × 1200 crossways	As1 (mm)
	4.34.2Aisle width for pallets 800 × 1200 lengthways	As2 (mm)
Performance Data	4.35 Turning radius	Wa (mm)
	4.37 Length across wheel arms	l7 (mm)
	5.1 Travel speed, laden/unladen	km/h
	5.2 Lift speed, laden/unladen	m/s
	5.3 Lowering speed, laden/unladen	m/s
Motors	5.4 Reaching speed, laden/unladen	m/s
	5.7 Gradeability, laden/unladen	%
	5.8 Max. gradeability, laden/unladen	%
	5.10 Service brake	Electromagnetic
	6.1 Drive motor rating S2 60 min	kW
	6.2 Lift motor rating at S3 15%	kW
	6.4 Battery voltage/nominal capacity Ks	(V)/ (Ah) or kWh
	6.5 Battery weight	kg
Additional Data	10.1 operation pressure	bar
	10.7 Sound pressure level at the driver's seat	dB (A)

- Option:** 1) Camera
2) ASC
3) Lead-Acid Battery option : 48V/700AH , 48V/775AH , 48V/840AH , 48V/930AH
4) Lithium battery option : 48V /400AH , 48V /450AH , 48V /600AH , 48V/750AH , 48V/875AH



Electric Pallet Truck

Electric Stacker

Order Picker

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stacker

Lift Table

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