



CQD25RV(F)

Electric Reach Truck 2.5T

- Increased productivity in heights up to 12.5m
- Multi-functional configurations for easy operation
- Height indicator and proportional lifting for precise stacking
- Full carrying capacity at the maximum lift height 6.5m

EP EQUIPMENT CO.,LTD
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FEATURE

■ Increased productivity in heights up to 12.5m

CQD25RV(F) comes with a long-lasting 48V/700Ah Lead-acid battery as standard, which empowers the truck to perform heavy-duty warehousing tasks in long working hours. CQD25RV(F) reaches lift heights of up to 12.5m to cater to various warehouse racking system.



■ Multi-functional configurations for easy operation

CQD25RV(F) has a full color display and it allows the driver to monitor driving speed, battery status, and error codes. Plus the electric steering system, CQD25RV(F) offers easy and effort-saving operation.



■ Height indicator and proportional lifting for precise stacking

Thanks to the height indicator and proportional lifting system, you can drive CQD25RV(F) to stack and retrieve pallets with the utmost precision.



■ Full carrying capacity at the maximum lift height 6.5m

CQD25RV(F) features high strength of the mast that allows the truck to perform full lifting capacity up to 6.5m. It also comes with a 6000k LED light which provides a wider and farther lighting area when operating in low visibility sections and at night. These not only ensures operation safety but also reinforce material handling efficiency.



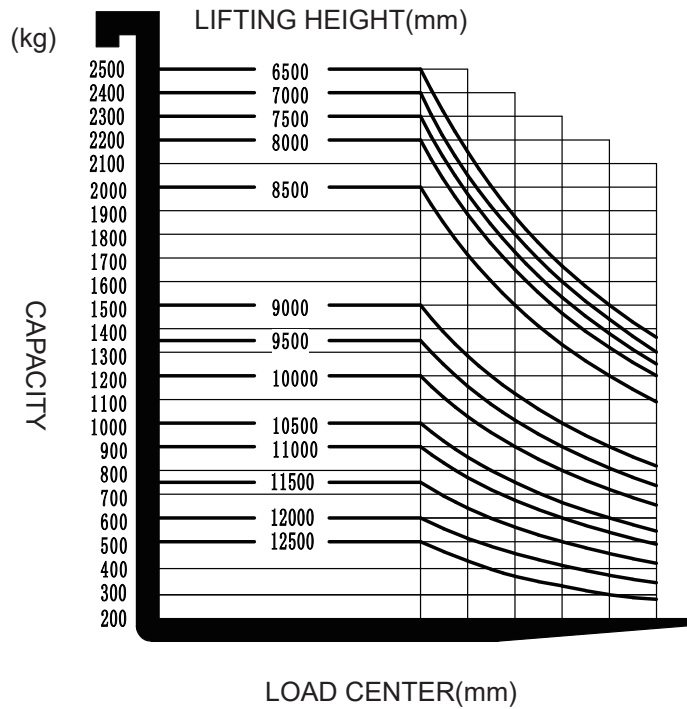
Electric Reach Truck 2.5T

CQD25RV(F)

| | | | | | EP | EP |
|---------------------|---|--|----------------|-----------------|---------------------|---------------------|
| | | | | | | |
| Distinguishing mark | 1.1 | Manufacturer | | | EP | EP |
| | 1.2 | Model designation | | | CQD25RV | CQD25RVF |
| | 1.3 | Drive unit | | | Electric | Electric |
| | 1.4 | Operator type | | | Seated | Seated |
| | 1.5 | rated capacity | Q | kg | 2500 | 2500 |
| | 1.6 | Load center distance | c | mm | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 439 | 439 |
| | 1.9 | Wheelbase | y | mm | 1714 | 1714 |
| | Service weight | 2.1 | Service weight | | kg | 4620 ^② |
| 2.3.1 | | Axle loading, unladen front/rear | | kg | 2710/1860 | 2710/1860 |
| 2.4.1 | | Axle loading, fork advanced, laden front/rear | | kg | 650/6470 | 650/6470 |
| 2.5.1 | | Axle loading, fork retracted, laden front/rear | | kg | 2550/4570 | 2550/4570 |
| Tyres/chassis | 3.1 | Tyre type | | | Polyurethane | Polyurethane |
| | 3.2.1 | Tyre size, front | | mm | Φ343×140 | Φ343×140 |
| | 3.3.1 | Tyre size, rear | | mm | Φ310×135 | Φ310×135 |
| | 3.4 | Additional wheels | | mm | Φ102×51 | Φ102×51 |
| | 3.5.1 | Wheels, number front/rear (x=drive wheels) | | mm | 1x/2 | 1x/2 |
| | 3.6.1 | Tread, front | b10 | mm | \ | \ |
| | 3.7.1 | Tread, rear | b11 | mm | 1186 | 1186 |
| Dimensions | 4.1 | Tilt of mast/fork carriage forward/backward | α/β | ° | 2/4 | 2/4 |
| | 4.2 | Height, mast lowered | h1 | mm | 4820 ^③ | 4820 ^③ |
| | 4.3 | Free lift | h2 | mm | 3252 ^③ | 3252 ^③ |
| | 4.4 | Lift height | h3 | mm | 12000 ^③ | 12000 ^③ |
| | 4.5 | Height, mast extended | h4 | mm | 13065 ^③ | 13065 ^③ |
| | 4.7 | Height of overhead/ guard cabin | h6 | mm | 2210 | 2210 |
| | 4.8 | Seat height/standing height | h7 | mm | 1145 | 1145 |
| | 4.10 | Height of wheel arms | h8 | mm | 333 | 333 |
| | 4.19 | Overall length | l1 | mm | 2586 | 2586 |
| | 4.20 | Length to face of forks | l2 | mm | 1521 | 1521 |
| | 4.21 | Overall width | b1/b2 | mm | 1160/1345 | 1160/1345 |
| | 4.22 | Fork dimensions | s/e/l | mm | 40/122/1070 | 40/122/1070 |
| | 4.23 | A,B Fork carriage class/type A, B | | | 2A | 2A |
| | 4.24 | Fork carriage width | b3 | mm | 990 | 990 |
| | 4.25 | Distance between fork-arms | b5 | mm | 240/770 | 240/770 |
| | 4.26 | Distance between wheel arms/loading surfaces | b4 | mm | 917 | 917 |
| | 4.28 | Reach distance | l4 | mm | 670 | 670 |
| | 4.31 | Ground clearance, laden, below mast | m1 | mm | 60 | 60 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 70 | 70 |
| | 4.34.1 | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2871 | 2871 |
| | 4.34.2 | Aisle width for pallets 800×1200 lengthways | Ast | mm | 3037 | 3037 |
| 4.35 | turning radius | Wa | mm | 1960 | 1960 | |
| 4.37 | Length across wheel arms | l7 | mm | 2138 | 2138 | |
| Performance data | 5.1 | Travel speed, laden/unladen | | km/ h | 9/9.5 | 9/9.5 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.3/0.35 | 0.3/0.35 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.4/0.3 | 0.4/0.3 |
| | 5.4 | Reaching speed, laden /unladen | | m/s | 0.15/0.15 | 0.15/0.15 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 7/14 | 7/14 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| 5.11 | Parking brake | | | Electromagnetic | Electromagnetic | |
| Electric-engine | 6.1 | Drive motor rating S2 60 min | | kW | 6.4 | 6.4 |
| | 6.2 | Lift motor rating at S3 15% | | kW | 13 | 13 |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 48/700 ^④ | 48/700 ^④ |
| | 6.5 | Battery weight | | kg | 1115 ^④ | 1115 ^④ |
| | 6.6 | Energy consumption according to DIN EN 16796 | | kWh/h | 3.96 | 3.96 |
| Addition data | 6.9 | Charger output current | | A | 100 | 100 |
| | 8.1 | Type of drive unit | | | AC | AC |
| | 10.5 | Steering design | | | Electronic | Electronic |
| 10.7 | ound pressure level at the driver's ear | | dB(A) | 70 | 70 | |

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

RATED CAPACITIES GRAPH



Mast Option

| Mast types | Lift height (h3) mm | Height, Mast | | | Height, Free lift(h2) | |
|-----------------|------------------------|--------------------------------|---------------------------|---------------------|-----------------------|---------------------|
| | | Height, mast lowered(h1) mm | Height, mast extended(h4) | | No backrest mm | With backrest mm |
| | | | No backrest mm | With backrest mm | | |
| 2-Standard Mast | 2700 | 1980 | 3280 | 3765 | 120 | 120 |
| | 3000 | 2130 | 3580 | 4065 | 120 | 120 |
| | 3300 | 2280 | 3880 | 4365 | 120 | 120 |
| | 3640 | 2450 | 4220 | 4705 | 120 | 120 |
| | 4000 | 2630 | 4580 | 5065 | 120 | 120 |
| | 4300 | 2780 | 4880 | 5365 | 120 | 120 |
| 3-Free Mast | 4050 | 2000 | 5115 | 5115 | 522 | 522 |
| | 4500 | 2150 | 5565 | 5565 | 672 | 672 |
| | 5000 | 2300 | 6065 | 6065 | 772 | 772 |
| | 5500 | 2470 | 6565 | 6565 | 952 | 952 |
| | 6000 | 2650 | 7065 | 7065 | 1172 | 1172 |
| | 6500 | 2800 | 7565 | 7565 | 1272 | 1272 |
| | 7000 | 3050 | 8065 | 8065 | 1532 | 1532 |
| | 7500 | 3220 | 8565 | 8565 | 1712 | 1712 |
| | 8000 | 3390 | 9065 | 9065 | 1852 | 1852 |
| | 8500 | 3610 | 9565 | 9565 | 2072 | 2072 |
| | 9000 | 3770 | 10065 | 10065 | 2212 | 2212 |
| | 9500 | 3940 | 10565 | 10565 | 2392 | 2392 |
| | 10000 | 4160 | 11065 | 11065 | 2612 | 2612 |
| | 10500 | 4330 | 11565 | 11565 | 2792 | 2792 |
| | 11000 | 4490 | 12065 | 12065 | 2932 | 2932 |
| 11500 | 4660 | 12565 | 12565 | 3112 | 3112 | |
| 12000 | 4820 | 13065 | 13065 | 3252 | 3252 | |
| 12500 | 4990 | 13565 | 13565 | 3432 | 3432 | |

Option

| No. | Optional items | CQD25RV |
|------|---------------------------------|--|
| 1.1 | Fork dimension | ○1000*600、2A、122*40*920 ●1000*600、2A、122*40*1070 ○1000*600、2A、122*40*1150 ○1000*600、2A、122*40*1220 ○1000*600、2A、122*40*1370 ○1000*600、2A、122*40*1500 ○1000*600、2A、122*40*1600 |
| 1.2 | Leg width | ●917 |
| 1.4 | Fork carriage width | ●770mm |
| 1.5 | backrest height | ●1025mm |
| 2.1 | Load wheel type | ●Single |
| 2.2 | Load wheel material | ●PU |
| 2.3 | Drive wheel material | ●PU |
| 2.7 | Battery capacity | ●700Ah○750Ah○775Ah |
| 2.8 | Charger | ●48V-100A External○48V-80A External |
| 2.10 | Seat type | ●Suspension |
| 2.11 | Attachments | ●Built-in sideshifter |
| 3.3 | Castor wheels | ●Yes and not customized |
| 3.4 | Water auto-filling system | ●No○Yes and not customized |
| 3.5 | Front lamp | ●LED |
| 3.6 | Rear lamp | ●No○LED |
| 3.7 | Warning lamp | ●Yes and not customized |
| 3.9 | Blue lamp | ●No○Yes and not customized |
| 3.10 | Area warning lamp | ●No○Yes and not customized |
| 3.11 | Rearview mirror | ●Yes and not customized |
| 3.12 | Hummer | ●No○Yes and not customized |
| 3.14 | Camera | ●No○Yes and not customized |
| 3.15 | Fire extinguisher | ●No○Yes and not customized |
| 3.17 | OPS system | ●No○Yes and not customized |
| 3.23 | Remote monitoring | ●No○Yes and not customized |
| 4.1 | Battery side pull function | ●No○Yes and not customized |
| 4.2 | Cold storage | ●No○Yes and not customized |
| 4.6 | Forks tilt forward and backward | ●Yes and not customized |
| 4.7 | Overhead guard | ●Yes○Yes and not customized (Drive-in) |
| 4.8 | Drive assembly | ●GK25 |
| 5.1 | Battery side pull attachment | ●No○Battery trolley○Side pull bracket |

Note: ●Standard ○ Optional - Inconformity

| No. | Optional items | CQD25RVF |
|------|---------------------------------|--|
| 1.1 | Fork dimension | ○1000*600、2A、122*40*920 ●1000*600、2A、122*40*1070 ○1000*600、2A、122*40*1150 ○1000*600、2A、122*40*1220 ○1000*600、2A、122*40*1370 ○1000*600、2A、122*40*1500 ○1000*600、2A、122*40*1600 |
| 1.2 | Leg width | ●917 |
| 1.4 | Fork carriage width | ●770mm |
| 1.5 | backrest height | ●1025mm |
| 2.1 | Load wheel type | ●Single |
| 2.2 | Load wheel material | ●PU |
| 2.3 | Drive wheel material | ●PU |
| 2.7 | Battery capacity | ●700Ah○750Ah○775Ah |
| 2.8 | Charger | ●48V-100A External○48V-80A External |
| 2.10 | Seat type | ●Suspension |
| 2.11 | Attachments | ●Built-in sideshifter |
| 3.3 | Castor wheels | ●Yes and not customized |
| 3.4 | Water auto-filling system | ●No○Yes and not customized |
| 3.5 | Front lamp | ●LED |
| 3.6 | Rear lamp | ●No○LED |
| 3.7 | Warning lamp | ●Yes and not customized |
| 3.9 | Blue lamp | ●No○Yes and not customized |
| 3.10 | Area warning lamp | ●No○Yes and not customized |
| 3.11 | Rearview mirror | ●Yes and not customized |
| 3.12 | Buzzer | ●No○Yes and not customized |
| 3.13 | Height display | ●Yes and not customized (Only for 3-stage mast) |
| 3.14 | Camera | ●No○Yes and not customized |
| 3.15 | Fire extinguisher | ●No○Yes and not customized |
| 3.17 | OPS system | ●Yes and not customized |
| 3.23 | Remote monitoring | ●No○Yes and not customized |
| 4.1 | Battery side pull function | ●No○Yes and not customized |
| 4.2 | Cold storage | ●No○Yes and not customized |
| 4.5 | Proportional lift system | ●Yes and not customized |
| 4.6 | Forks tilt forward and backward | ●Yes and not customized |
| 4.7 | Overhead guard | ●Yes○Yes and not customized (Drive-in) |
| 4.8 | Drive assembly | ●GK25 |
| 5.1 | Battery side pull attachment | ●No○Battery trolley○Side pull bracket |

Note: ●Standard ○ Optional - Inconformity