

# JIALIFT®



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## CQE15S

### ELECTRIC REACH FORK STACKER

- 1500kg Capacity
- Maximum Lift Height: 5,500mm
- Safe, reliable, sustainable and low maintenance



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| Distinguishing mark |   |         |                           |
|---------------------|---|---------|---------------------------|
| 1.1                 | Manufacturer  |         | EP                        |
| 1.2                 | Model designation   |         | QJ6115S                   |
| 1.3                 | Drive unit  |         | Battery                   |
| 1.4                 | Operator type   |         | standing                  |
| 1.5                 | rated capacity  | Q       | t                         |
| 1.6                 | Load center distance  | c       | mm                        |
| 1.9                 | Wheelbase   | y       | mm                        |
| Weight              |   |         |                           |
| 2.1                 | Service weight (include battery)                                |         | kg                        |
| 2.2                 | Axle loading, fork advanced, unladen driving side/loading side  |         | 1150/715                  |
| 2.3                 | Axle loading, fork retracted, unladen driving side/loading side |         | 1250/615                  |
| 2.4                 | Axle loading, fork advanced, laden driving side/loading side    |         | kg                        |
| 2.5                 | Axle loading, fork retracted, laden driving side/loading side   |         | kg                        |
| Types/Chassis       |   |         |                           |
| 3.1                 | Tyre type driving wheels/loading wheels                         |         | polyurethane/polyurethane |
| 3.2                 | Tyre size, driving wheels (diameter*width)                      | mm      | Φ260× 105                 |
| 3.3                 | Tyre size, loading wheels (diameter*width)                      | mm      | Φ102× 73                  |
| 3.4                 | Tyre size, caster wheels (diameter*width)                       |         | Φ100× 73                  |
| 3.5                 | Wheels, number driving, caster/loading (x=drive wheels)         | mm      | 1×2/4                     |
| 3.6                 | Track width, front, driving side                                | b10     | mm                        |
| 3.7                 | Track width, rear, loading side                                 | b11     | mm                        |
| Dimensions          |   |         |                           |
| 4.1                 | Tilt of mast/fork carriage forward/backward                     | α/ β    | °                         |
| 4.2                 | Height, mast lowered  | h1      | mm                        |
| 4.3                 | Free lift (load backrest)                                       | h2      | mm                        |
| 4.4                 | Lift height   | h3      | mm                        |
| 4.5                 | Height, mast extended   | h4      | mm                        |
| 4.8                 | Seat height/standing height                                     | h7      | mm                        |
| 4.10                | Height of wheel arms  | h/(mm)  | mm                        |
| 4.19                | Overall length (minimum)  | l1      | mm                        |
| 4.20                | Length to face of forks   | l2      | mm                        |
| 4.21                | Overall width   | b1/ b2  | mm                        |
| 4.22                | Fork dimensions   | s/ e/ l | mm                        |
| 4.23                | Fork carriage class/type A, B                                   |         | mm                        |
| 4.24                | Fork carriage width   | b3      | mm                        |
| 4.25                | Outside width of the forks                                      | 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                | The minimum ground clearance of frame                           | m2      | mm                        |
| 4.34.1              | Aisle width for pallets 1000 × 1200 crossways                   | Ast     | mm                        |
| 4.34.2              | Aisle width for pallets 800 × 1200 lengthways                   | Ast     | mm                        |
| 4.35                | turning radius  | Wa      | mm                        |
| 4.37                | Length across wheel arms (exclusive fork)                       | lr      | mm                        |
| Performance data    |   |         |                           |
| 5.1                 | Travel speed, laden/ unladen                                    | km/ h   | 5.5/6                     |
| 5.2                 | Lifting speed, laden/ unladen                                   | m/ s    | 0.11/ 0.14                |
| 5.3                 | Lowering speed, laden/ unladen                                  | m/ s    | 0.24/ 0.24                |
| 5.4                 | Reaching speed, laden / unladen                                 | m/ s    | 0.12/ 0.12                |
| 5.8                 | Max. gradeability, laden/unladen                                | %       | 6/10                      |
| 5.10                | Service brake type  |         | Electromagnetic           |
| Electric engine     |   |         |                           |
| 6.1                 | Drive motor rating S2 60 min                                    | kW      | 3.3                       |
| 6.2                 | Lift motor rating at S3 15%                                     | kW      | 3                         |
| 6.3                 | The maximum allowed size battery                                | mm      | 815×208×630               |
| 6.4                 | Battery voltage/nominal capacity K5                             | V/ Ah   | 24/280 (i)                |
| 6.5                 | Battery weight  | kg      | 230 (i)                   |
| Addition data       |   |         |                           |
| 8.1                 | Type of drive unit  |         | AC                        |
| 10.5                | Steering type   |         | Electronic                |
| 10.7                | Sound pressure level at the driver's ear                        | dB (A)  | 74                        |

1.The parameters in the table are of the standard model. For more information, please contact us.  
2.The parameters are subject to change without notice.



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## ①Service weight (include battery)

| Mast height (mm)    | Service weight (kg) |
|---------------------|---------------------|
| <b>2-stage mast</b> |                     |
| CQE15S              |                     |
| 2700                | 1855                |
| 3000                | 1865                |
| 3300                | 1875                |
| 3600                | 1885                |
| 4000                | 1895                |
| 4300                | 1905                |
| <b>3-stage mast</b> |                     |
| CQE15S              |                     |
| 3550                | 2080                |
| 4000                | 2095                |
| 4300                | 2105                |
| 4500                | 2110                |
| 4800                | 2120                |
| 5000                | 2125                |
| 5500                | 2140                |

## ②Mast

| 2-stage mast |                     |           |                      |
|--------------|---------------------|-----------|----------------------|
| Lift height  | Lowered mast height | Free lift | Extended mast height |
| h3           | h1                  | h2        | h4                   |
| 2700         | 1940                | 0         | 3600                 |
| 3000         | 2090                | 0         | 3900                 |
| 3300         | 2240                | 0         | 4200                 |
| 3600         | 2390                | 0         | 4500                 |
| 4000         | 2590                | 0         | 4900                 |
| 4300         | 2740                | 0         | 5200                 |
| 3-stage mast |                     |           |                      |
| Lift height  | Lowered mast height | Free lift | Extended mast height |
| h3           | h1                  | h2        | h4                   |
| 3550         | 1800                | 880       | 4510                 |
| 4000         | 1960                | 1000      | 4955                 |
| 4300         | 2060                | 1140      | 5260                 |
| 4500         | 2130                | 1170      | 5455                 |
| 4800         | 2230                | 1270      | 5760                 |
| 5000         | 2295                | 1335      | 5900                 |
| 5500         | 2460                | 1500      | 6460                 |

## ③Dimensions(mm)

|  | CQE15S       |              |
|--|--------------|--------------|
|  | 2-stage mast | 3-stage mast |
| Overall length (minimum)                     | 11           | 2350         |
| Aisle width for pallets 1000×1200 crossways  | Ast          | 2705         |
| Aisle width for pallets 800×1200 lengthways  | Ast          | 2750         |
| Aisle width for pallets 1000×1200 lengthways | Ast          | 2795         |
| Aisle width for pallets 800×1200 crossways   | Ast          | 2585         |

## ④Battery

|                     | CQE15S | standard | option | option                         | option |
|---------------------|--------|----------|--------|--------------------------------|--------|
| Capacity (V/Ah)     |        | 280      | 210    | 224 (maintenance free battery) | 360    |
| Battery weight (kg) |        | 230      | 190    | 150                            | 300    |

## Option

| Options                       | CQE15S                   |
|-------------------------------|--------------------------|
| Driving pedal                 | ●                        |
| Electronic Power steering     | ●                        |
| Battery capacity              | ●280Ah<br>○210/224/360Ah |
| Lateral change battery        | ●                        |
| Cold storage                  | ○                        |
| Side shift                    | ○                        |
| Front light and warning light | ---                      |
| Rearview mirror               | ---                      |
| Hummer                        | ---                      |
| Height display                | ---                      |
| Camera                        | ---                      |
| Fire extinguisher             | ---                      |
| The front wheel side guard    | ---                      |
| Drive-in Rack                 | ---                      |
| Seat switch                   | ---                      |
| Water auto-filling system     | ○                        |

Note: ● standard ○ option --- NA



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