Counterbalanced Electric Stacker

Model: CPD15R

Advantages:

**STRUCTURAL**
- Two lifting cylinders placed on outer sides of the mast.
- Germany imported special steel mast.
- Vertical driving wheel, driving efficiency, easy installation & maintenance.
- Compact structure and low gravity.

**SAFETY AND EFFICIENCY**
- AC Frequency conversion traction motor: compact structure, good performance, regenerative braking and easy maintenance.
- Tilting system fork easy for loading and stacking.
- High-capacity battery ensures strong and long lasting power.
- Miter with BDI, prolonging the battery's using time.
- The braking system combines magnetic brake and regenerative break, greatly prolongs the using life of friction plates.
- With emergency stop switch and electricity lock button, and multi-valve controlling levers, ergonomic for operation.
- The adjustable regulator valve can adjust the lowering speed of the mast.

**EASY MAINTENANCE**
- Magnet suction battery cover, easy for installation and maintenance.
- AC controlling system, low noise, less maintenance.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CP15R/CP15R</th>
<th>CP15R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load capacity</td>
<td>01(4)</td>
<td>01(4)</td>
</tr>
<tr>
<td>Load center (mm)</td>
<td>580</td>
<td>580</td>
</tr>
<tr>
<td>Load distance (mm)</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>Tine size, head (mm)</td>
<td>φ15.5×120</td>
<td>φ15.5×120</td>
</tr>
<tr>
<td>Tine size, body (mm)</td>
<td>80×80×120</td>
<td>80×80×120</td>
</tr>
<tr>
<td>Balance wheel dimension (mm)</td>
<td>-</td>
<td>975×105</td>
</tr>
<tr>
<td>Wheels, number front (copy) + rear (wheel) (mm)</td>
<td>-</td>
<td>142</td>
</tr>
<tr>
<td>Forks, lift time (s)</td>
<td>3/6</td>
<td>3/6</td>
</tr>
<tr>
<td>-</td>
<td>940/940/940/940/940/940/940</td>
<td>940/940/940/940/940/940/940</td>
</tr>
<tr>
<td>Max. lift height</td>
<td>h, (mm)</td>
<td>2000/3300/3300/3300/3000/3000/3000</td>
</tr>
<tr>
<td>Height of mast elevated</td>
<td>3550/4150/4150/4150/4150/4150/4150</td>
<td>3550/4150/4150/4150/4150/4150/4150</td>
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<tr>
<td>Height of fork in drive position min, max</td>
<td>1160/1460</td>
<td>1160/1460</td>
</tr>
<tr>
<td>Overall length (mm)</td>
<td>-</td>
<td>2680</td>
</tr>
<tr>
<td>Overall width (mm)</td>
<td>-</td>
<td>1180</td>
</tr>
<tr>
<td>Overall height (mm)</td>
<td>-</td>
<td>550</td>
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<tr>
<td>Fork dimension (mm)</td>
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<td>320/300/320/320/320/320/320</td>
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<tr>
<td>Weight overall forks</td>
<td>h, (mm)</td>
<td>220-450</td>
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<tr>
<td>Trolley wheel (mm)</td>
<td>4x120</td>
<td>4x120</td>
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<tr>
<td>-</td>
<td>6-120-4-16</td>
<td>6-120-4-16</td>
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<tr>
<td>Lifting speed, trolley (m/min)</td>
<td>-</td>
<td>2.0-0.4</td>
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<tr>
<td>Battery voltage, nominal capacity (Ah)</td>
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<tr>
<td>Battery weight</td>
<td>kg</td>
<td>200-240</td>
</tr>
<tr>
<td>Battery charging (V/h)</td>
<td>-</td>
<td>87(207)/4065</td>
</tr>
<tr>
<td>Service weight (with battery)</td>
<td>kg</td>
<td>2500</td>
</tr>
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</table>