**Combination Grapple**

**070CHD RT-252**

<table>
<thead>
<tr>
<th>Max load:</th>
<th>n/a lb</th>
<th>n/a kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>.46 cord of 8 ft</td>
<td>1.67 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>7.50 ft²</td>
<td>.70 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>25000 lb</td>
<td>11340 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>16150 lb-in</td>
<td>1825 Nm</td>
</tr>
<tr>
<td></td>
<td>1450 psi</td>
<td>100 bars</td>
</tr>
<tr>
<td>Weight:</td>
<td>1855 lb</td>
<td>841 kg</td>
</tr>
</tbody>
</table>

Rotator Maximum pressure: 5000 psi 345 bars

**Recommended flow:** 9 gpm 34 l/min

Rotator recommended flow will produce a maximum speed of 30 rpm

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Diameter</th>
<th>Recommended pressure</th>
<th>Pressure range</th>
<th>Flow range</th>
<th>Lock valves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>3 1/2&quot; (89 mm)</td>
<td>4250 psi (293 bars)</td>
<td>3500-5000 psi (241-345 bars)</td>
<td>16-24 gpm (61-91 l/min.)</td>
<td>no</td>
</tr>
</tbody>
</table>

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Options:
- Leveling plate (100 lbs / 45 kg)
- Load holding valve on cylinders (9 lbs / 4 kg)

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web site: www.rotobec.com  
email: rotobec@rotobec.com

**Rotobec Inc.:**  Head office serving OEM's and Eastern Canada  
Ph: (418) 383-3002  Fac: (418) 383-5334

**Rotobec West:**  Branch serving Western Canada and Western USA  
Ph: (250) 765-1161  Fac: (250) 765-0035

**Rotobec USA:**  Branch serving Eastern and Central USA  
Ph: (603) 444-2103  Fac: (603) 444-0327

We reserve the right to change specifications and to improve our products without notice or obligation.
Combination Grapple
070CHD-RT-322-HT

Max load: n/a lb n/a kg

Volume: .46 cord 8 ft³ 1.67 m³

Area tip to tip: 7.50 ft² .70 m²

Rotator lifting capacity: 32000 lb 14515 kg

Torque at relief pressure: 20160 lb-in 2278 Nm

Weight: 1895 lb 860 kg

Rotator Maximum pressure: 5000 psi 345 bars
Recommended flow: 9 gpm 34 l/min
Rotator recommended flow will produce a speed of 30 rpm

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<th>Diameter</th>
<th>Recommended pressure</th>
<th>Pressure range</th>
<th>Flow range</th>
<th>Lock valves</th>
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</thead>
<tbody>
<tr>
<td>Standard</td>
<td>3 1/2&quot; * (89 mm)</td>
<td>4250 psi (293 bars)</td>
<td>3500-5000 psi (241-345 bars)</td>
<td>16-24 gpm (61-91 l/min.)</td>
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Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Options:
- Leveling plate. (100 lb / 45 kg)
- Load holding valve on cylinders (9 lbs / 4 kg)

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07/09/18 D.L.

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Combination Grapple
070CHD RT-502-STDHT

Max load: n/a lb  n/a kg
Volume: .46 cord of 8 ft  1.67 m³
Area tip to tip: 7.50 ft² .70 m²
Rotator lifting capacity: 50000 lb  22680 kg
Torque at relief pressure: 23260 lb-in  2628 Nm
1810 psi  125 bars
Weight: 2040 lb  925 kg

Rotator Maximum pressure: 5000 psi  345 bars
Recommended flow: 9 gpm  34 l/min
Rotator recommended flow will produce a maximum speed of 25 rpm

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<th>Pressure range</th>
<th>Flow range</th>
<th>Lock valves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>3 1/2&quot;</td>
<td>(89 mm) 4250 psi (293 bars)</td>
<td>3500-5000 psi (241-345 bars)</td>
<td>16-24 gpm (61-91 l/min)</td>
<td>no</td>
</tr>
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Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Options:
- Leveling plate (100 lbs / 45 kg)
- Load holding valve on cylinders (9 lbs / 4 kg)

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