# Combination Grapple

**080CHD RT-502-STDHT**

<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>.54 cord 8 ft</td>
<td>1.96 m³</td>
</tr>
<tr>
<td>Area tip to tip</td>
<td>8.61 ft²</td>
<td>.80 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity</td>
<td>50000 lb</td>
<td>22680 kg</td>
</tr>
<tr>
<td>Torque at relief pressure</td>
<td>23260 lb-in</td>
<td>2628 Nm</td>
</tr>
<tr>
<td>Torque at relief pressure</td>
<td>1810 psi</td>
<td>125 bars</td>
</tr>
<tr>
<td>Weight</td>
<td>2555 lb</td>
<td>1159 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 speed of 25 rpm.

**Cylinder**
- Standard: 3 1/2" (89 mm), 4250 psi (293 bars), 3500-5000 psi (241-345 bars), 21-31 gpm (79-117 l/min), no lock valves.

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

[Diagram of grapple dimensions]

**Options:**
- Leveling plate (120 lbs / 54 kg)
- Load holding valve on cylinders (9 lbs / 4 kg)

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**Rotobec Inc.:**
- Head office serving OEMs 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

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

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