Log Grapple
4560SHD RT-504

Max load: n/a lb n/a kg
Volume: .32 cord of 8ft. 1.16 m³
Area tip to tip: 5.13 ft² .48 m²
Rotator lifting capacity: 50000 lb 22680 kg
Torque at relief pressure: 18630 lb-in 2105 Nm
1450 psi 100 bars
Weight: 2635 lb 1195 kg

Rotator Maximum pressure: 5000 psi 345 bars
Recommended flow: 9 gpm 34 l/min
Rotator recommended flow will produce a speed of 25 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 4 1/2&quot; (114 mm)</td>
<td>3750 psi (259 bars)</td>
<td>2500-5000 psi (172-345 bars)</td>
<td>29-41 gpm (110-155 l/min.)</td>
<td>yes</td>
<td></td>
</tr>
</tbody>
</table>

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 5 seconds.

Options:
- Protection strips on jaw edges. (44 lb / 20 kg)
- Impact protection relief valve. (inclus/excluded)
- Saw bundle kit RGS-750. (667 lb / 303 kg)
- Brush rake kit (1755 lb / 798 kg)

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.

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# Log Grapple

## ROTOBEC

**TOUGH HANDLING EQUIPMENT**

## Log Grapple

### 4560SHD RT-1004

<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>.32 cord of 8 ft</td>
<td>1.16 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>5.13 ft²</td>
<td>.48 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>100000 lb</td>
<td>45359 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>22360 lb-in</td>
<td>2526 Nm</td>
</tr>
<tr>
<td>Weight:</td>
<td>2875 lb</td>
<td>1304 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rotator</th>
<th>Maximum pressure:</th>
<th>5000 psi</th>
<th>345 bars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended flow:</td>
<td>8 gpm</td>
<td>30 l/min</td>
<td></td>
</tr>
</tbody>
</table>

Rotator recommended flow will produce a speed of 20 rpm.

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Diameter</th>
<th>Recommended pressure</th>
<th>Pressure range</th>
<th>Flow range</th>
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- Optional brush rake kit. (1755 lb / 798 kg)

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