**Pulpwood Grapple**

**090HD RT-322HT**

<table>
<thead>
<tr>
<th>Max load:</th>
<th>- lb</th>
<th>- kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>.61 cord of 8 ft</td>
<td>2.20 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>9.69 ft²</td>
<td>.90 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>32000 lb</td>
<td>14515 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>20160 lb-in</td>
<td>2278 Nm</td>
</tr>
<tr>
<td>Weight:</td>
<td>2140 lb</td>
<td>971 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>41/2 &quot;</td>
<td>(114 mm)</td>
<td>2500 psi (172 bars)</td>
<td>2000 - 3000 psi (138-207 bars)</td>
<td>26 - 39 gpm (98-148 l/min.)</td>
</tr>
<tr>
<td>Optional</td>
<td>31/2 &quot;</td>
<td>(89 mm)</td>
<td>3800 psi (262 bars)</td>
<td>3100 - 4500 psi (214-310 bars)</td>
<td>15 - 22 gpm (57-83 l/min.)</td>
</tr>
</tbody>
</table>

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

Options:
- Leveling Plate (170 lbs / 77 kg)
- Optional holding chain (135 lbs / 61 kg)
- Synchros Gears (130 lbs / 59 kg)
- Impact protection relief valve

**Contact Information**

- **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.

07008-0630  
01/11/2019  
D.L.
Pulpwood Grapple
090HD RT-504

Max load: - lb - kg
Volume: .61 cord of 8 ft 2.20 m³
Area tip to tip: 9.69 ft² .90 m²
Rotator lifting capacity: 50000 lb 22680 kg
Torque at relief pressure: 186.30 lb-in 2105 Nm
1450 psi 100 bars
Weight: 22.75 lb 1032 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

<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>41/2 &quot; (114 mm)</td>
<td>2500 psi (172 bars)</td>
<td>2000 - 3000 psi (138-207 bars)</td>
<td>26 - 39 gpm (98-148 l/min.)</td>
<td>No</td>
</tr>
<tr>
<td>Optional</td>
<td>31/2 &quot; (89 mm)</td>
<td>3800 psi (262 bars)</td>
<td>3100 - 4500 psi (214-310 bars)</td>
<td>15 - 22 gpm (57-83 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 (170 lbs / 77 kg)
- Optional Holding chain (135 lbs / 61 kg)
- Synchos Gears (130 lbs / 59 kg)
- Impact protection relief valve

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

Rotobec Inc.: Head office serving OEM's and Eastern Canada
Ph: (418) 383-3002 Fax (418) 383-5334
Rotobec West: Branch serving Western Canada and Western USA
Ph: (250) 765-1161 Fax (250) 765-0035
Rotobec USA: Branch serving Eastern and Central USA
Ph: (603) 444-2103 Fax (603) 444-0327

We reserve the right to change specifications and to improve our products without notice or obligation.

07004-6109
30/10/19 D.L.