Log Grapple
4042HD RT-252

Max load: n/a lb n/a kg
Volume: .17 cord of 8ft .62 m³
Area tip to tip: 2.72 ft² .25 m²
Rotator lifting capacity: 25000 lb 11340 kg
Torque at relief pressure: 16150 lb-in 1825 Nm
1450 psi 100 bars
Weight: 1215 lb 552 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

Cylinder Diameter Recommended pressure Pressure range Flow range Lock valves
Standard 3 1/2 " (89 mm) 3750 psi (259 bars) 2500-5000 psi (172-345 bars) 15-23 gpm (57-87 l/min.) yes

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

Options:
- Log protection package, including shaft on jaw tips and protection strips on jaw edges. (55 lb / 25 kg)
- Shaft on jaw tips to prevent log damage. (n/a)
- Impact protection relief valve. (35 lb / 16 kg)
- Optional brush rake kit. (n/a)
- Closed head option. (39 lb / 18 kg)

Website: 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.

07005-7717 12/10/16 D.B.
Log Grapple
4042HD RT-322

Max load:  
Volume: .17 cord of 8ft .62 m³
Area tip to tip: 2.72 ft² .25 m²
Rotator lifting capacity: 32000 lb 14515 kg
Torque at relief pressure: 12920 lb-in 1460 Nm
1160 psi 80 bars
Weight: 1255 lb 570 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

<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>3750 psi (259 bars)</td>
<td>2500-5000 psi (172-345 bars)</td>
<td>15-23 gpm (57-87 l/min,)</td>
<td>yes</td>
</tr>
</tbody>
</table>

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

Options:  
- Log protection package, including shaft on jaw tips and protection strips on jaw edges. (55 lb / 25 kg)
- Shaft on jaw tips to prevent log damage. (n/a)
- Impact protection relief valve. (35 lb / 16 kg)
- Optional brush rake kit. (n/a)
- Closed head option. (39 lb / 18 kg)

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07005-8209  
03/05/17  
D.L.
Log Grapple
4042HD RT-504

Max load:  n/a lb  n/a kg
Volume:   .17 cord of 8ft.  .62 m³
Area tip to tip:  2.72 ft²  .25 m²
Rotator lifting capacity:  50000 lb  22680 kg
Torque at relief pressure:  14910 lbf-in  1685 Nm
1160 psi  80 bars
Weight:  1390 lb  632 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

Cylinder | Diameter | Recommended pressure | Pressure range | Flow range | Lock valves
--- | --- | --- | --- | --- | ---
Standard 3 1/2" (89 mm) | 3750 psi (259 bars) | 2500-5000 psi (172-345 bars) | 15-23 gpm (57-87 l/min.) | yes

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

Options:
- Log protection package, including shaft on jaw tips and protection strips on jaw edges. (55 lb / 25 kg)
- Shaft on jaw tips to prevent log damage. (n/a)
- Impact protection relief valve. (35 lb / 16 kg)
- Saw bundle kit RGS-404. (419 lb / 190 kg)
- Optional brush rake kit. (n/a)

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