## Waste Grapple
### 045W R-9150

<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>1.12 y³</td>
<td>.86 m³</td>
</tr>
<tr>
<td>Area tip to tip:</td>
<td>5.75 ft²</td>
<td>.53 m²</td>
</tr>
<tr>
<td>Rotator lifting capacity:</td>
<td>18000 lb</td>
<td>8165 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>8450 lb-in</td>
<td>955 Nm</td>
</tr>
<tr>
<td>Weight:</td>
<td>1125 lb</td>
<td>510 kg</td>
</tr>
</tbody>
</table>

**Rotator**
- Maximum pressure: 4000 psi (276 bars)
- Recommended flow: 8 gpm (30 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” (76 mm)</td>
<td>3250 psi (224 bars)</td>
<td>2800-3700 psi (193-255 bars)</td>
<td>9-14 gpm (34-53 l/min.)</td>
<td>no</td>
</tr>
<tr>
<td>Standard</td>
<td>3 1/2” (89 mm)</td>
<td>2350 psi (162 bars)</td>
<td>2000-2700 psi (138-186 bars)</td>
<td>14-21 gpm (53-79 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.

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**Options:**

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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.
07007-3574  
11/09/17  E.T.
Waste Grapple
045W RT-142

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<td>Rotator lifting capacity:</td>
<td>14000 lb</td>
<td>6350 kg</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>8450 lb-in</td>
<td>955 Nm</td>
</tr>
<tr>
<td>Torque at relief pressure:</td>
<td>913 psi</td>
<td>63 bars</td>
</tr>
<tr>
<td>Weight:</td>
<td>1105 lb</td>
<td>501 kg</td>
</tr>
</tbody>
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<tr>
<th>Rotator</th>
<th>Maximum pressure:</th>
<th>5000 psi</th>
<th>345 bars</th>
<th>Recommended flow:</th>
<th>8 gpm</th>
<th>30 l/min</th>
</tr>
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<tr>
<td>Rotator recommended flow will produce a speed of 30 rpm</td>
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07006-4280  
11/09/17 E.T.
Waste Grapple
045W RT-222

Max load: n/a lb n/a kg
Volume: 1.12 y³ .86 m³
Area tip to tip: 5.75 ft² .53 m²
Rotator lifting capacity: 22000 lb 9979 kg
Torque at relief pressure: 10700 lb-in 1209 Nm
913 psi 63 bars
Weight: 1125 lb 510 kg

Rotator Maximum pressure: 5000 psi 345 bars Recommended flow: 10 gpm 38 l/min

Rotator recommended flow will produce a speed of 30 rpm

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07006-4174  
11/09/17 E.T.
Waste Grapple
045W RT-252

Max load:  n/a lb  n/a kg
Volume:  1.12 y³  .86 m³
Area tip to tip:  5.75 ft²  .53 m²
Rotator lifting capacity:  25000 lb  11340 kg
Torque at relief pressure:  16150 lb·in  1825 Nm
Weight:  1170 lb  531 kg

Rotator recommended flow will produce a speed of 30 rpm

Recommended flow:  9 gpm  34 l/min

Rotator | Maximum pressure | Recommended pressure | Pressure range | Flow range | Lock valves
--- | --- | --- | --- | --- | ---
Standard 3 " (76 mm) | 5000 psi 345 bars | 3250 psi (224 bars) | 2800-3700 psi (193-255 bars) | 9-14 gpm (34-53 l/min.) | no
Standard 3 1/2 " (89 mm) | 3250 psi (224 bars) | 2350 psi (162 bars) | 2000-2700 psi (138-186 bars) | 14-21 gpm (53-79 l/min.) | no

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