The 120F and 150F Paper Roll Clamps are designed for operations that handle large, heavy rolls such as kraft, linerboard and SC/LWC rolls. They are application rated and field proven for demanding operations. Available load capacities range from 12,000 to 15,000 lbs. depending on the model, with roll diameters ranging from 51” to 84”. Larger diameters available on a custom basis.

**APPLICATIONS**

**FEATURES**

- **Reduced Roll Damage**
  - Proven contact pad shape and surface holds rolls securely
  - Positioned Short Arm and Swing Frame models maintain thin arm profile over a wide range of roll diameters, easing roll breakout and permitting close stacking

- **Fast Roll Handling**
  - Good visibility through and around clamp
  - Continuous 360° rotation

- **Excellent Durability**
  - Unitized construction provides structural integrity in arms and frame
  - Proven, heavy-duty rotator drive train
  - Pivot bushings are lube-free and provide longer service life

**MODELS**

- **Fixed Frame/Fixed Short Arm**
  - Excellent arm profile when handling rolls near max. diameter.

- **Fixed Frame/Positioned Short Arm**
  - Good arm profile over a wide range of roll diameters.

- **Swing Frame/Positioned Short Arm**
  - Improves handling in tight stacking locations such as boxcar breakout, allows easy lateral positioning
  - Arms can be positioned to equal length configuration

- **Split Arm**
  - The two long arm sections move independently, allowing you to handle two different size rolls simultaneously.
<table>
<thead>
<tr>
<th>Installation Kit</th>
<th>Hose Size</th>
<th>Catalog Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Frame</td>
<td>#6</td>
<td>675158</td>
</tr>
<tr>
<td>Fixed Frame #6 &amp; #8</td>
<td>396189</td>
<td></td>
</tr>
</tbody>
</table>

**120F & 150F PAPER ROLL CLAMPS**

- **120F & 150F Paper Roll Clamps**

  - **2° mounting** provides reduced effective thickness (Lost Load) and ease in handling horizontal (bilge) rolls. 0° mounting must be used when stacking above 300".

  - Requires 2,300 PSI operating pressure at maximum capacity.

- **Pin available**, consult Cascade for more information.

- **Cascade Cast Pad** is standard unless otherwise noted.

- **Split Arm available**. Consult Cascade for specifications.

**Hydraulic Flow & Pressure**

<table>
<thead>
<tr>
<th>Model</th>
<th>Minimum Pressure (psi)</th>
<th>Maximum Pressure (psi/bar)</th>
<th>Number of Functions</th>
<th>Rotate Min-Rec-Max Function 1 (gpm)</th>
<th>Clamp Min-Rec-Max Function 2 (gpm)</th>
<th>Swing Min-Rec-Max Function 3 (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120F</td>
<td>500</td>
<td>2,300/159</td>
<td>2</td>
<td>10 15 15</td>
<td>10 15 20</td>
<td>1 2 3</td>
</tr>
<tr>
<td>150F</td>
<td>500</td>
<td>2,300/159</td>
<td>2</td>
<td>15 20 25</td>
<td>15 20 25</td>
<td>1 2 3</td>
</tr>
</tbody>
</table>

**Rotator Specifications**

- **120F, 130F PRC**

  - **Category**
  - Std. Motors 2.8 in3, DLD 3.6 RPM @ 20 GPM 147,000 Inch-Lbs. @ 2300 PSI/159 bar
  - High Speed Motors 2.2 in3, DDLW w/brake 4.6 RPM @ 20 GPM 114,000 Inch-Lbs. @ 2300 PSI/159 bar
  - High Torque Motors 2.8 in3, SLDD 2.8 RPM @ 20 GPM 237,000 Inch-Lbs. @ 2300 PSI/159 bar

  - **Rotator Torque**
  - Std. Motors 2.8 in3, DLD 147,000 Inch-Lbs. @ 2300 PSI/159 bar
  - High Speed Motors 2.2 in3, DDLW w/brake 114,000 Inch-Lbs. @ 2300 PSI/159 bar
  - High Torque Motors 2.8 in3, SLDD 237,000 Inch-Lbs. @ 2300 PSI/159 bar

  - **Recommended to maintain maximum flow to rotator motor.**