Superior Arm and Pad Profile
Designed to Eliminate Damage

APPLICATIONS
Suitable for mills, converters, stevedores and shippers of large rolls of packaging paper of all types. It is also the base clamp for the jumbo tissue roll industry.

FEATURES
- Highly durable arm structure and pad profile that eliminates damage from knifing between rolls in containers, trailers, and railcars.
- Pad protectors reduce wear to the contact pads.
- Pad alignment system using dual spring technology holds the contact pads in proper alignment.
- A variety of arm styles for flexibility in any application.
- Short arm positioning to optimize small roll handling.
- Excellent visibility through arms.
- High-flow revolving connection provides fast arm speed and less energy consumption.
- Quick 360° rotation speed with 15-tooth pinion.
- High-torque, heavy-duty rotator drivetrain proven to provide superior durability.
- Can be configured with 2, 3 or 4 pads.
- High-strength castings provide structural life needed for robust applications.

OPTIONS
- Wide range of contact pads for every type of paper.
- Split or solid arm.
- Fixed short arm for applications with roll sizes on the high side of the clamp’s capacity range.
- 180° Stop Group.
- AFC - Adaptive Force Control.
- HFC - Hydraulic Force Control.
- ERC - Electronic Rotational Control.
Rubber or Urethane coatings increase the pad thickness. For frequent bilge operations, a 2° mounting is recommended. Consult Cascade for model number and specifications. Deduct $1,230 from positioned short arm price.

Maintenance does not require any special lubrication or grease. Universal joint is protected by a bearing shield.

Auxiliary pressure protection is required for the rotator section unless the option is protected.

### HYDRAULIC FLOW & PRESSURE

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Clamp &amp; Rotate Operating Pressure (psi)</th>
<th>Maximum Deliverable Truck Pressure (psi)</th>
<th>Clamp Circuit Pressure Protected Yes/No?</th>
<th>Rotator Circuit Pressure Protected Yes/No?</th>
<th>Number of Functions</th>
<th>Flow Clamp Min-Rec-Max Function 1 / gpm</th>
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</thead>
<tbody>
<tr>
<td>42H</td>
<td>2300</td>
<td>2300</td>
<td>No</td>
<td>No</td>
<td>2</td>
<td>10 - 15 - 20</td>
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</tbody>
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### ROTATOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>RPM</th>
<th>Recommended Flow GPM</th>
<th>Torque in-lbs@2300 psi</th>
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<tbody>
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<td>42H</td>
<td>3.9</td>
<td>15</td>
<td>118,000</td>
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