Stop Logs
For Flow and Level Control in Open Channels
**Aluminum Stop Logs**

Aluminum, because of its low weight and ease of handling, is a popular choice for many stop log installations. A resilient seal is standard along the bottom of each stop log. Additional seals can be placed in the guides if low leakage is required. Guides are mounted on the face of the concrete or embedded. Stop logs are normally put in place using a lifting device and overhead crane. A latching lever on the lifting device is provided to engage or disengage the stop logs.

- Easy handling, long life
- Continuous Neoprene guide seals
- Neoprene bottom and side seal (each log)

<table>
<thead>
<tr>
<th>Part</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame, Log, Lifting Lugs</td>
<td>Aluminum, B306 6061-T6</td>
</tr>
<tr>
<td>Seals</td>
<td></td>
</tr>
<tr>
<td>Bottom HY-Q</td>
<td>Neoprene D2000, Grade AA625</td>
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<tr>
<td>Sides J-Seal</td>
<td>Neoprene D2000, Grade 2BC515</td>
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</tbody>
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Stainless Steel Stop Logs

Stainless steel construction provides high corrosion resistance and many years of service with minimal maintenance. The stop log guide is made of UHMWPE, and contains the EPDM seal. The bottom seal on each log is also made of EPDM, and seals the sill or the log below. All logs are designed to be interchangeable. When required, a stainless steel lifting device is supplied for each log width.

- Lightweight construction
- UHMWPE guides — no metal-to-metal contact
- Long life, low maintenance
- EPDM seals guarantee low leakage
- Standard log heights: 6” (150mm), 12” (300mm), 18” (450mm)

**Standard Materials**

<table>
<thead>
<tr>
<th>Part</th>
<th>Material</th>
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<tbody>
<tr>
<td>Frame, Log, Reinforcements,</td>
<td>Stainless Steel ASTM A-240,</td>
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<tr>
<td>Bottom Seal Retainer</td>
<td>Type 304L or 316L</td>
</tr>
<tr>
<td>Seal</td>
<td>EPDM, ASTM D-2000</td>
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<tr>
<td>Fasteners</td>
<td>ASTM F593 and F594, GR1 for Type 304 and GR2 for Type 316</td>
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</tbody>
</table>
Engineered Flow Control Products

Gates

- Sluice Gates
- Bonneted Gates
- Channel Gates
- Weir Gates
- Crest Gates (including Bascule® and Pelican® designs)
- Tainter Gates
- Slide Gates
- Roller Gates
- Hinged Crest Gates
- Bulkhead Gates
- Velocity Control Gates
- Stop Logs
- Flap Gates

Actuation

Manual, electric, and hydraulic actuation systems are available.

For more information about Rodney Hunt products or to contact a sales representative, visit the Rodney Hunt website (www.rodneyhunt.com) or call 978-633-4362