

## 340 Ton Hydraulic Ring Expander

<b>Tonnage:</b>	340
<b>Application:</b>	Ring Expanding Forming
<b>Industry:</b>	Aerospace
<b>Special Features:</b>	<ul style="list-style-type: none"> <li>• Central Lubrication System</li> </ul>



### Custom Features:

- Used to expand rings for an aerospace manufacturer
- Draw Bar Pull: 680,000 lbs. (340 US Tons)
- HPU System Pressure at 340 Tons: 2,900 psi
- Minimum inside diameter before expansion: 15"; maximum inside diameter: 47"
- Maximum height of product: 10"
- 12 steel alloy jaws; minimum jaw diameter: 15"; jaw height: 10"; maximum diameter jaw travel: 3.125"
- Replaceable wear pads between jaw segments and draw cone
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger
- Central lubrication system

### Common Features on Beckwood Presses:

- Heavy duty box beam design for superior rigidity and modular tie rod assembly utilizing pre-tensioning nuts for optimum performance
- Fully adjustable Parker cylinders with full rated tonnage throughout the stroke
- PressLink Remote Support module for complementary diagnostics & troubleshooting
- Dual linear and pressure transducers in the main ram cylinders for optimal reliability and redundancy
- Allen Bradley or Siemens PLC, programmable control system with touch screen HMI and Recipe Functionality
- Structure designed for Infinite Life in accordance with rigorous simulation analysis through FEA (Finite Element Analysis) design testing
- Backed by Beckwood's industry leading dedicated service and support team



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