400 Ton 4-Post Compression Molding Press

<table>
<thead>
<tr>
<th>Tonnage:</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application:</td>
<td>Compression Molding Automation</td>
</tr>
<tr>
<td>Industry:</td>
<td>Consumer Products</td>
</tr>
<tr>
<td>Frame Style:</td>
<td>4-Post</td>
</tr>
</tbody>
</table>
| Special Features: | • Belt Conveyor System  
|                | • Active Leveling Control  
|                | • Heated & Cooled Platens |

Custom Features:
- Used to form rubber mats for the flooring industry
- (4) 6” diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Belt conveyor system provided for loading, indexing through the press, and unloading the material
- (3) 3” x 78” x 130” heated platens: (2) in pressing area and (1) on the bed, on the exit side
- Multiple zones of temperature control for ultimate uniformity
- Exit side of the press is equipped with (1) 3” x 78” x 130” water cooled platen, underneath the belt conveyor
- Four-axis Active Leveling Control (ALC) for precision bed to ram parallelism
- Crown mounted power system and reservoir with mezzanine access
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger
- Ram Speeds: Pressing: 35 IPM, Return: 69 IPM

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