# BECKWOOD
## HYDRAULIC PRESSES & MACHINERY

# 400 Ton 4-Post Compression Molding Press

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| **Tonnage:** | 400 |
| **Application:** | Compression Molding Automation |
| **Industry:** | Consumer Products |
| **Frame Style:** | 4-Post |
| **Special Features:** | • Belt Conveyor System<br>• Active Leveling Control<br>• 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

MADE IN THE USA

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**Learn more about our Automation Capabilities**

**Learn more about Compression Molding**