

30 Ton Servo-Electric Compression Molding Press

Tonnage:	30
Application:	Compression Molding
Industry:	Composites
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Servo-electric actuator • Infinite dwell capability • Electrically heated platens



Custom Features:

- Used in a compression molding application to form carbon-fiber composites for the aerospace, automotive, & consumer goods industries
- (4) chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Servo-electric roller screw actuator from Exlar (no hydraulics)
- (2) 18" x 18" electrically heated platens with multiple zones of temperature control for ultimate uniformity
- Infinite dwell capability
- Productivity reporting tool
- Hydraulic pressure-controlled circuit with quick disconnect to accommodate customer tooling
- Light curtains guard the front openings of the press; bolt-on expanded metal guarding on the sides and rear
- Calculated Ram Speeds: Approach 110 IPM; Pressing 50 IPM; Return 110 IPM

Common Features on Beckwood Servo Presses:

- Positional repeatability within +/-0.0005"
- Force & positional feedback
- Data acquisition measuring torque, force, position, and time at a maximum rate of 1 sample / ms
- Roller-screw actuator design for longer life
- PressLink Remote Support module for complementary diagnostics & troubleshooting
- Structure designed for Infinite Life using Finite Element Analysis (FEA) simulation software
- Backed by Beckwood's industry leading dedicated service and support team



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Servo presses

Learn more about
Compression Molding