

75 Ton 4-Post Hot Forming/SPF Press

Tonnage:	75
Application:	Hot Forming/SPF
Industry:	Aerospace
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • High-temperature heated platens • Insulated automatic doors • 3-cylinder configuration



Custom Features:

- Used for hot forming and superplastic forming of titanium for the aerospace industry
- (4) chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- 3-cylinder configuration for increased precision and safety
- (2) 30" x 48" Duraloy TMA-4505 electrically-heated platens with multiple zones of temperature control up to 1,600°F
- Gun drilled channels in the platens create a serpentine flow for rapid cooling
- Insulated automatic door system grants 4-sided access while maximizing heat efficiency
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger
- Calculated Ram Speeds: Pressing: 0.125-90 IPM; Return: 0-120 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



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Learn more about our
 4-Post presses

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