

Typical Customization Options

Press Structures:

- Custom daylight, stroke, bed, frame configuration

Configuration:

- Vertical or Horizontal presses, any size

C-Frame:

- Bench style (bench available)
- Floor Models
- With and without guided platen(s)
- Heated Platens
- Cushion or knock-out
- C-frame with two strain rods mounted in head-plate and bed-plate with guided platen

Strain Rod:

- 2 Post to multiple post (4 post most common)
- With and without platen(s)
- Heated Platens
- Cushion or knock-out

Automation Options:

- Index Tables
- Shuttle Tables (manual and powered)
- Multiple position slides
- Press to press transfer (in multiple strain rod, station to station with common bed).
- Chutes
- Conveyors
- Pick & Place

Hydraulics Options:

- Standard directional valve type circuits
- Open loop proportional
- Closed loop proportional
- Servo



A fully rebuilt five station draw press



50-ton & 100-ton hydraulic servo press



(six) 30-ton bonding presses for positioned robot loading



MULTIPRESS

At MULTIPRESS, we work with every customer to design a custom press to meet their project's specifications. Outlined are just a few of the design options and customizations we offer, to learn more about a machine for your application, contact us today!

Electrical Configurations:

- PLC control with operator push buttons and switches
- PLC with Touch screen
- Touch Screen with Industrial Computer/PLC
- Windows driven Touch Screen with Industrial Computer/PLC
- Explosive environment

Controls:

- Single axis
- Multiple Axis:
 - Knockout (ejector)
 - Proportional Cushion (cushion pressure is variable relative to ram position).
 - Clamping

Quality Control:

- Achieved Position (monitor)
- Achieved Force (monitor)
- Achieved above within a "target window"
- Separate monitor system
- Storage of results

Operator Safety:

- Barrier guards
- Sliding guards
- Light Curtain
- Presence sensing

Remote Capability:

- Presses with no operator involved

Upgrade & Rebuilds:

- Mechanical
- Hydraulics
- Software
- Modern safety features



300-ton press



50-ton double action press



*30-ton press w/
precision stop*



Dual press/index table combination