



STRAIGHT SIDE & COLUMN PRESSES

Engineered & Built in the USA

Models available up to 3,000 tons

STANDARD FEATURES

- Low stress
- Interlocked frame design
- Machined T-slot in bed and slide
- Robust 6-pt gibbing with optional 8-pt gibbing
- Flush floor up to 500 tons and 10' in length
- Simple machine controls with anti-tie downs
- Heat exchanger
- Automatic lubrication system
- Training and installation

For more than 70 years, Pacific Press has been known for quality machines designed and built in Mt. Carmel, IL. At Pacific, we take pride in producing robust, heavy duty machines that deliver precise, reliable results.

APPLICATIONS

- Deep draw
- Off-center loading
- Progressive and transfer die
- Punching
- Blanking
- Coining



STANDARD FEATURES

Gibbing

Six points of contact on the slide ensure complete, repeatable control. Extra long bronze slide ways and Turcite® surfaces ensure non-binding of the slide. Gibbing can be adjusted with Pacific's exclusive wedge design, reducing the need for shimming. Upgrade to 8 point gibbing for the Pacific column press for maximum rigidity. The Pacific gib guided presses are the best in the industry for all pressing operations, especially off-center loading.



Column press with 8 point gibbing



6 Point Gibbing

Frame Design

Each Pacific gib-guided press has been FEA (finite element analysis) approved for infinite frame life. Precision design specifications and heavy, interlocked steel frame construction ensure that each press will absorb shock and uniformly distribute forces of all pressing and punching operations. All machines up to 500 tons and 10 feet long are flush floor.

Box Type Bed Construction

The box-type bed is internally reinforced to provide low deflection for all pressing applications. The interlocked design of the bed with the side frames or columns permits forces to be transmitted through parent metal rather than through bolts, tie rods, or welds.

Slide Assembly

The internally reinforced, box-type double plate construction provides maximum stability with extremely low deflection for all pressing operations. The extra long slide surfaces maintain full bearing contact with the gibbing to provide positive guidance and exceptional punch and die alignment with every stroke.

Bed and Slide Bolsters

The extra thick bed and slide bolsters have 3/4" T-slot machined for easy tool and die clamping. The large bed bolster is removable and interchangeable for future modifications. Custom machining patterns are easily achievable by Pacific's expert engineering and machining personnel.

Heat Exchanger and Automatic Lubrication

Pacific's machines are designed to hold up against the harshest industrial applications. That is why we outfit each machine with a heat exchanger and automatic lubrication system. The heat exchanger ensures cool operation of the power unit while the lubrication system ensures long life of Pacific's exclusive gibbing system.

Training and Installation

Factory trained technicians install each Pacific straight side and column press and train operators on the easy-to-use controls. Pacific also offers extended training programs for operators and maintenance personnel.

OPTIONAL FEATURES

Mechanical Features

- Custom machine dimensions: open height, stroke, feed window size (straight side presses only)
- Custom bed and slide machining
- Custom power unit mounting
- Shock dampers

Electrical and Productivity Features

- Custom Allen Bradley HMI screens
- Automatic cycling and continuous run
- Die cushions
- Hydraulic knock outs
- Tooling solutions
- Quick die change: die lifters, die clamps, carrying consoles
- Die carts

Integration

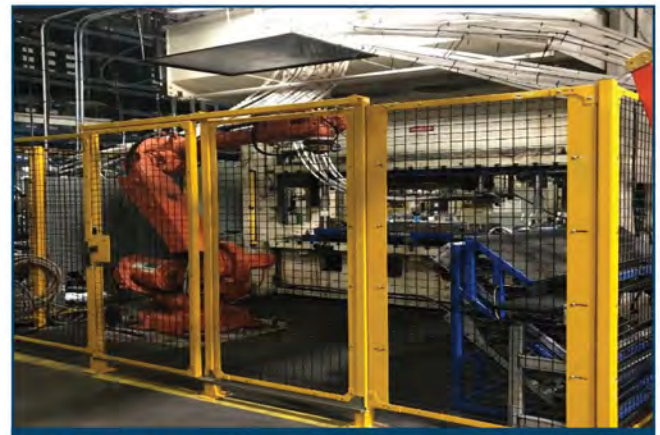
- Feeder integration
- Robotic integration

Safety

- Area scanners
- Light curtains
- Slide blocks
- Safety slide locks

Training and Maintenance

- Preventive maintenance
- Pre-shipment training



Robotic Integration



Feeder Integration

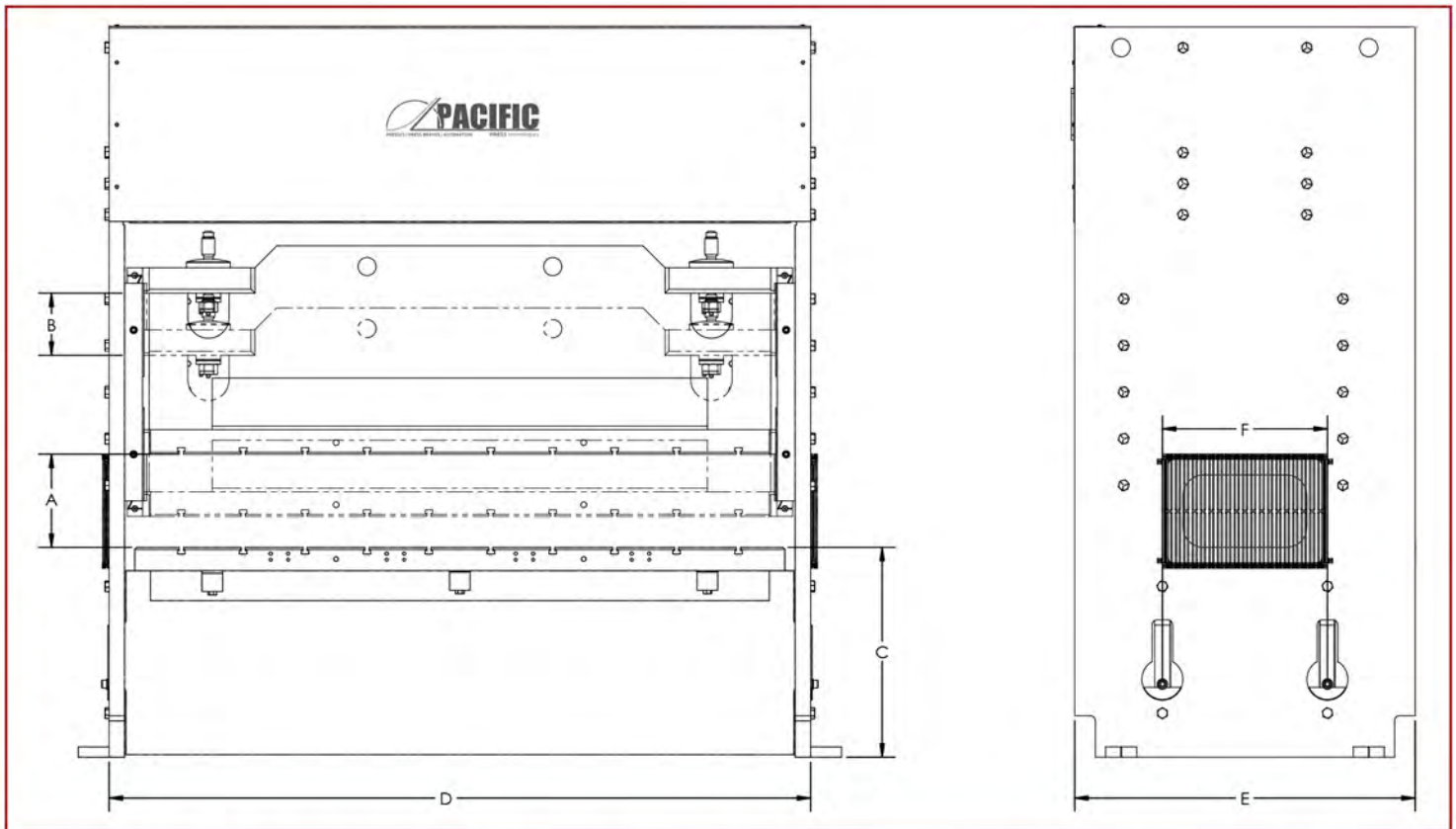


Tooling



Quick Die Change

MACHINE DIMENSIONS



The experts at Pacific design a custom press solution around each customer's process requirements. To get your press design started, contact your Pacific representative to help fill out the below specifications.

Specification Table

Tonnage Required	
Dimensions (inches)	
A - Open Height	
B - Stroke	
C - Work Height (Standard is 41" to avoid pit)	
D - L-R Pressing Surface	
E - F-B Pressing Surface	
F - Feed Window (Optional)	



Pacific Press is proud of its long standing tradition of machines that are designed and built in the USA. With an unmatched reputation for robust, high quality and durable equipment, you can count on your Pacific machine to get the job done. Buy a Pacific and watch it run!

118-007 V0419