




# Press Accessories & Application Ideas

| Description                      | Press Capacity and Press Series   | Model Number   |   | Features  |
|----------------------------------|---|--|---|---|
| <b>V-Blocks</b>                  | 10 ton Bench VLP-Presses<br>25 ton Workshop XLP-Presses<br>50 ton Workshop XLP-Presses<br>75 ton Workshop XLP-Presses<br>100 ton Workshop VLP-Presses<br>200 ton Workshop VLP-Press<br>200 ton BPR-Roll-Frame Press | <b>VB-10</b><br><b>VB-25</b><br><b>VB-501</b><br><b>VB-101</b><br><b>VB-101</b><br><b>A-200</b><br><b>A-200R</b> |   | <ul style="list-style-type: none"> <li>Facilitate positioning of pipes and bars</li> <li>All V-Block model numbers include 2 V-blocks.</li> </ul>   |
| <b>Hydra-Lift</b>                | 50 ton BPR-Roll-Frame Press<br>100 ton BPR-Roll-Frame Press<br>200 ton BPR-Roll-Frame Press   | <b>IPL-R100</b><br><b>IPL-R100</b><br><b>IPL-R200</b>  |   | <ul style="list-style-type: none"> <li>Allows easy, effortless daylight adjustments</li> <li>Includes accessory chain.</li> </ul>   |
| <b>Hydrajust Bed Positioning</b> | 100 ton Workshop VLP-Presses<br>200 ton Workshop VLP-Press<br><br><b>IMPORTANT!</b> The “Hydrajust” bed positioning is not designed to withstand full cylinder capacity, only to be used for bed adjustment.        | <b>VHJ-100</b><br><b>BSS-5380</b>  |  | <ul style="list-style-type: none"> <li>Allowing effortless daylight adjustment by moving the lower bed up and down</li> <li>Can be used with presses equipped with double-acting cylinder.</li> </ul> |

## ▼ PRESS APPLICATION IDEAS



### ◀ 600 Ton High-Accuracy Collar Press

For production of accelerator coils, sheet metal needs to be formed into a specific shape and size. The end product of this forming is a cylindrical collar, which has a very solid structure, specific shape, and a tight tolerance for circularity and concentricity.

The Enerpac team was consulted to accomplish this task using proven high-pressure technology. The 600-ton press consisted of two separate hydraulic systems. The first system featured eight 25-ton cylinders, to position the sheets, while the second system featured eight 75-ton cylinders, to press the sheets into the correct shape. The results were a hydraulic press system that increased productivity and lowered operating costs.

### Fully Automated PLC-Controlled 1800 Ton High-Accuracy Press ▶

The pressing and heating cycle, during the production of magnetic acceleration coils, required high force and high-accuracy to ensure absolute quality.

Enerpac was consulted to assist in the design of a high accuracy production press. Control of the press force is monitored along with the temperature of the coils during forming by a PLC Control System.

