



From the originator of the portable shearwelder, Guild offers the world's most compact semi-automatic shearwelder. The PSA 2000 is ideally suited for small tube mill, roll form lines, and stamping presses.

The unique "C" frame portable design allows this machine to be used for multiple lines regardless of strip flow, cutting it's already low justification cost in half or even thirds.

PSA 2000 EXCLUSIVE FEATURES:

- **A tungsten height gauge** is provided that ensures proper setting of the tungsten electrode every time. For proper weld fit up, a **built-in automatic gauge** bar is provided with our patented split elevating backup bars. Competing designs require the operator to manually insert the gauge bar properly and then remove it for every weld.
- **Properly sized air cylinders** for clamping provide over 200% more clamping force than others. These cylinders are mounted at the rear of the machine and prevent damage from strip and allows the operator more work space during welding. Clamping and shearing actuation is by **foot valves** so the strip can be held with both hands by the operator.
- **Solenoid-operated clamping bar** makes for simple automatic torch traverse. (This feature eliminates the need for "Jog Forward" and "Jog Reverse" buttons, forward and reverses weld carriage motor relays, and weld start limit switch). Additionally, torch acceleration is instant and without slip.
- **Pneumatic powered three-bladed shear** for distortion-free shearing with **two (2) die spring loaded stripper pads** to hold the strip during shearing for a straight cut.
- **Automatic VCR relay** senses that the welding arc is correctly established before the welding carriage is allowed to travel.
- **Fused disconnect** is standard on all PSA control panels. **Step-down transformer** is also standard. Only one (1) electrical line is required.
- **Quick change backup bars** are provided. Only one screw at the front of the machine is required to remove each bar. Both L-R or R-L strip flows are handled easily with the automatic built-in gage bar.



PSA 2000 Portable Shearwelder

Advanced weld carriage designed for fast and accurate welding and low maintenance.

Manual and pneumatic clamping systems designed for maximum efficiency.

Positive Guide three blade pneumatic shear improves quality and reduces blade wear costs.



Pedal controls ensure ease of use and operator safety.

Control panel comes equipped with multiple safety features.

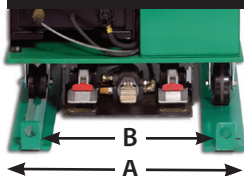
Exclusive ergonomic design features to help operators reach higher levels of productivity.

Engineering and manufacturing services to meet your specific welding needs.

Count on Guild to design and manufacture the shear welder to fit your exact requirements.

For over 50 years, we've been providing equipment in thousands of installations around the world. Put Guild to work on your strip processing needs today.

Dimensions and Specifications



PSA 2000 / Size 10"

Max Strip Width: 10"
Max Strip Thickness: .135
Height: 69"
Width (A): 25"
Width (B): 21"
Depth (C): 36"

PSA 2000 / Size 10" and 15"

Pneumatic: 80 PSI
Voltage: 460/1/60 30FLA
380/1/50 40FLA

PSA 2000 / Size 15"

Max Strip Width: 15"
Max Strip Thickness: .100
Height: 69"
Width (A): 25"
Width (B): 21"
Depth (C): 41"



Heavier and wider models also available upon request.

World Leader in Coil Joining Equipment for the Steel Processing, Tube Producing and Stamping Industries Since 1958



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