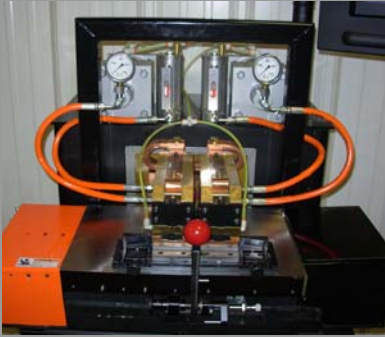


Edge 1500 Butt Flash Welder

Contact Edge for
more information



EDGE
MANUFACTURING

EDGE MANUFACTURING,
INC.

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Jul/12

The Edge 1500 combines a highly accurate electrical current control with precise position control. The result is a fully automatic single weld/temper cycle butt flash welder that is highly configurable, easy to use, and repeatable. Much of this improvement is derived by replacing a flashing cam with a patented ballscrew and servo motor.



The Edge 1500 allows users to preset welding specifications for a given material, then recall them at the push of a button. The resulting simplicity and speed of changing from 1/2" to 2" wide material makes the welder more productive, more consistent, and able to deliver consistent quality metal joining that is independent of operator expertise. The Edge 1500 was designed to make routine jaw maintenance and setup easy with quick change jaws, single screw clamp pressure adjustment, and screw adjustable space bar centering.

When changing from one size to another the user must follow these simple steps:

1. Call up proper configuration by pressing the configuration on the user interface
2. Set the transformer tap switch to the proper tap (if necessary)
3. Adjust the band alignment tooling (if necessary)
4. Recenter the space bar (if necessary)

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Touch Screen User Interface



Control Enclosure



Power Enclosure

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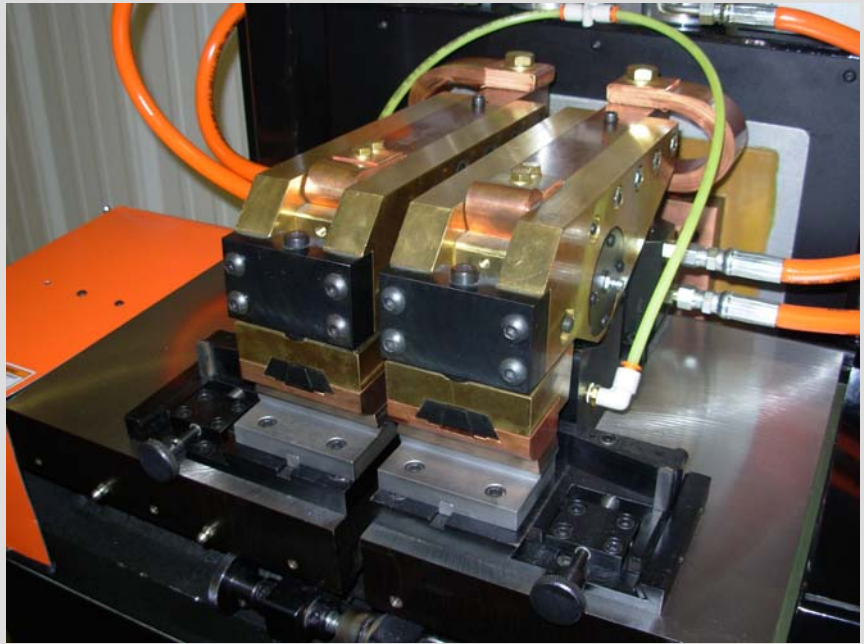
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Specifications:

Welder Control System

- Over 100 configurable profiles stored in memory
- Preconfigured material profiles changed via pull down menu
- Password protected profiles
- 26 configuration settings including Flashing distance, Upset distance, Final gap, Flashing current, Upset current, Upset length, Flashing speed, and multiple Temper settings
- Numerous fault monitors and dual E-stops to provide safe operation

Welder Capacity

- 7/16" x 0.012 Carbon Steel to 2" x 0.050 Bi-metal using a 14 kVA transformer
- Lengths as short as 4 7/8"

Mechanical System

- Quick release Upper Jaw to reduce maintenance down time during jaw change
- Single Screw to adjust clamping pressure eliminates use of shims on upper jaws
- Replaceable jaw inserts to reduce the cost of wear parts
- Wide cleaning position to make cleaning easier for the user
- Maintenance clamping feature
- Temper only sequence for welder set up

Cycle Time

- 12 second weld and temper cycle (based on 5/8" x 0.022 Carbon Steel)

Power and Air Requirements

- 240 VAC, 60A, Single Phase/480 VAC, 35A 3 Phase/100 psi, 12 cfm max.