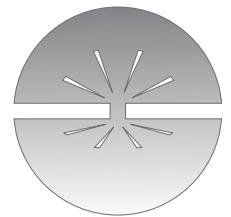




Made in the U.S.A.

**WELDING SOLUTIONS**  
BW Series Precision Butt welder



welding

**PRECISION BUTTWELDER**

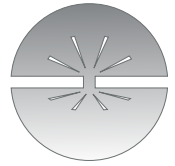
Standalone Welding Unit.

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# Precision Butt Welding Module

## BW SERIES



### BW Series Butt welders for 2D and 3D machines

Model	Power	Wire Range	Size	Electrical	Weight	Notes
BW40i	40 KVA	2-8 mm	24" x 24" x 48"	460V, 3ph*	900 lbs	mid-Freq. DC Inverter
BW100i	100 KVA	2-12 mm	24" x 24" x 48"	460V, 3ph*	900 lbs	mid-Freq. DC Inverter
BW60	60 KVA	2-8 mm	24" x 24" x 48"	460V, 1ph*	960 lbs	AC Control
BW150	150 KVA	2-12 mm	24" x 24" x 48"	460V, 1ph*	960 lbs	AC Control

\*for 380V/400V add -E to the model number

### Features

- a. Fully automatic welding control with multiple schedules capability
- b. Connection to AIM machine computers for easy on-screen programming.
- c. Heavy duty/high precision guides provide accurate and repeatable alignment
- d. Adjustable clamp & tip force (Pneumatic control)
- e. Weld head can be ordered at 90 or 0 degrees (front forward or top down welding)
- f. Adjustable upset position with counter
- g. Fully adjustable and easily accessible clamp adjustment for precise clamp alignment
- h. Magnetic guides available

### Options

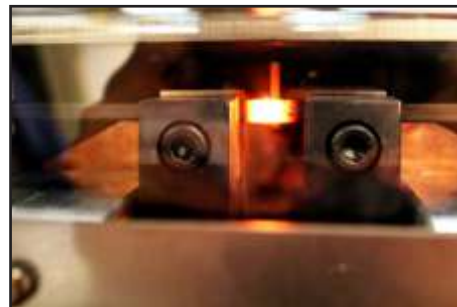
- a. Robot loading capable
- b. handheld programming unit pendant
- c. AGI Argon Gas for Stainless Welding
- d. Consumables: weld inserts made with Elkonite  
(Copper Tungsten / Tungsten & Molybdenum)

### Benefits

- a. Easy Welding Integration for automated ring and frame production
- b. Consistent weld/part quality
- c. Power savings with the 3-phase mid-frequency DC models (balanced load across phases)



BW40i-V in Vertical configuration



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