

QUESTIONS OR TROUBLE? Contact Forney Industries at 1-800-521-6038 customerservice@forneyind.com forneyind.com



Workpiece grounding



Connect ground clamp to clean, bare metal. No rust, paint or other coatings. Attach the ground clamp directly to the workpiece if you are experiencing issues.

Frequently tripping circuit breaker or exceeding duty cycle

- Use 3/16" diameter electrodes or smaller. Some 3/16" will draw too much amperaae.
- Trying to weld single pass on material larger than 3/8" thick is not possible with this machine. Multi-pass recommended for thicker materials.
 - Welder should be the only thing plugged into the circuit.

FIND MORE INFORMATION AT FORNEYIND.COM

Workpiece Preparation



To ensure maximum quality, always clean and prepare welding surfaces.

Low weld output or poor fusion 110-120V

- Usually due to low input power.
 Welder should be only thing plugged into circuit.
 Avoid using extension cords. If one must be used, it must be 3 conductor #12 AWG or larger up to 25 feet
- Generators must be a minimum 5,000W continuous output with no low-idle function (or low-idle off), 5% THD Max.

Low weld output or poor fusion 208-240V

- Usually due to low input power.
- Welder should be only thing plugged into circuit.
- Avoid using extension cords. If one must be used, it must be 3 conductor #8 AWG.
- Generators must be a minimum 10,000W continuous output with no low-idle function (or low-idle off), 5% THD Max.