Precision Pulse™ out performs Pulse®.
- Improves Out of Position Welds
- Enhances Puddle Control
- Controlled Heat Input
- Improves Welds in Tight Joints

Traditional Pulse welding consists of a peak and background current to deposit a molten droplet after each pulse. Precision Pulse™ functions similarly, but at a fixed frequency to create a more consistent droplet transfer. The waveform is capable of producing an extremely focused arc at a lower voltage.

Ideal for out of position welds, Precision Pulse™ gives the operator control over where the droplet transfers and how the puddle forms. A shorter, more focused arc increases puddle control and improves operator confidence compared to Pulse. Frequency adjustments change the focus and droplet size increasing control of the weld puddle. The Precision Pulse™ waveform is ideally suited for out of position welds with enhanced puddle control.

FEATURES

*Based on a side by side comparison of Precision Pulse™ and Pulse using a Power Wave® S350 with SuperArc® 0.045” L-56 wire. Parameters: Position 3F, WFS 110 in/min, Travel Speed 8 in/min, 19.0 Volts, 95 Amps and 1/2” CTWD.
Applications

Recommended Equipment

<table>
<thead>
<tr>
<th>Power Source</th>
<th>Wire Feeder</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Wave® S350, R350, S500 or R500</td>
<td>Power Feed® 10M or 25M</td>
<td>SuperArc® Wire, SupraMig® Wire, Magnum® Pro Gun</td>
</tr>
</tbody>
</table>

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