Rapid X™ revolutionizes the productivity of welding.*

- Increases Travel Speed by 40%
- Reduces Spatter by 30%
- Increases Penetration
- Reduces Heat Input
- Reduces Distortion

Traditional Pulse welding consists of a peak and background current to deposit a molten droplet after each pulse. Patented RapidArc®, a breakthrough in Pulse welding, provides excellent arc stability at shorter arc lengths, resulting in a significant increase in travel speed.

Patent Pending Rapid X™ revolutionizes Pulse Welding. Inspired by RapidArc®, Rapid X™ also uses an extremely short arc length, but now with a significant reduction in spatter generation. Low current wet-in technology momentarily drops the current producing spatter-free welds. UltimArc™ and synergic precision controls complete the Rapid X™ revolution. The resulting Rapid X™ process provides extremely fast travel speeds and clean welds to deliver increased productivity.

**FEATURES**

*Based on a side by side comparison of Rapid X™ and Pulse using a Power Wave® S350 with SuperArc® 0.045” L-56 wire. Rapid X™ parameters: WFS 450 in/min, Travel Speed 50 in/min, 22 Volts. Pulse parameters: WFS 350 in/min, Travel Speed 35 in/min, 22.5 Volts.
Recommended Equipment

**Power Source**
- Power Wave® S350, R350, S500 or R500 w/ Digital STT® Module

**Wire Feeder**
- Power Feed® 10M or 25M

**Accessories**
- SuperArc® Wire
- SupraMig®
- Magnum® Pro Gun

Customer Assistance Policy
The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customer and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer’s particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirement.

Subject to change. This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

Applications

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<th>Mild Steel</th>
<th>12 ga</th>
<th>3/4 in.</th>
<th>400 in/min</th>
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* Setting used for macro image.

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See the Rapid X™ weld process guide for: technical data, proper set-up, application settings and troubleshooting.