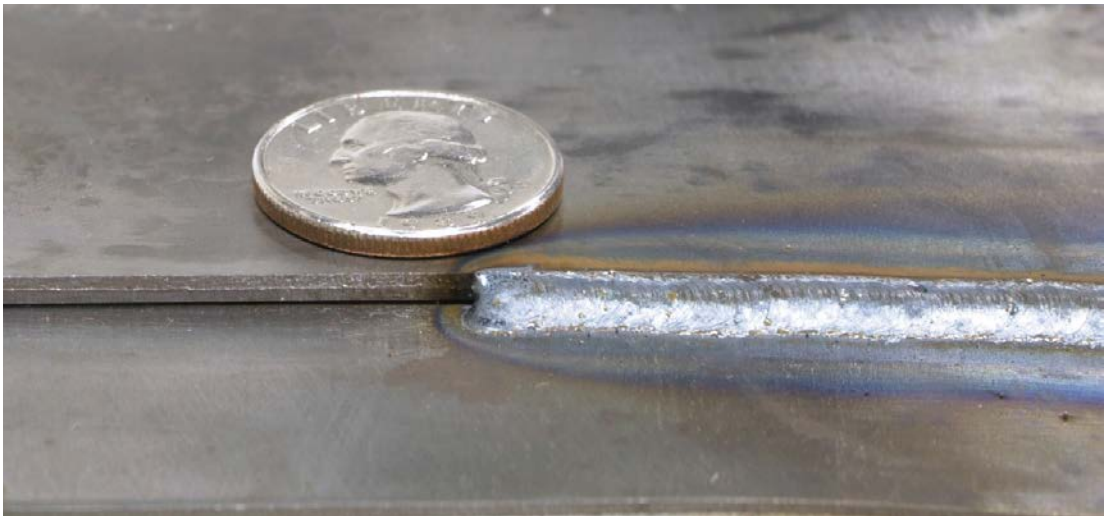
AC-STT™

AC-STT™
The Superior Thin-Gauge Solution

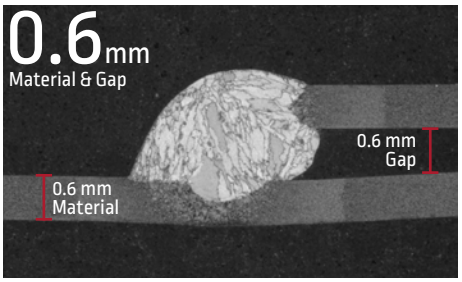
Based off of the patented STT® (Surface Tension Transfer) process, AC-STT™ combines the proven spatter-reducing technology of the STT® waveform with the balanced heat-input characteristics of AC GMAW, producing an advanced short-circuit process optimized specifically for thin-gauge materials.



AC-STT™ - the advanced short-circuit process optimized specifically for thin-gauge materials

Ultra-Reliable on Ultra-Thin

By continuously switching the waveform polarity, AC-STT™ provides maximum heat-input control while still maintaining high deposition rates, allowing for high-quality, repeatable welds on materials as thin as 0.6mm with excellent gap-bridging capabilities.



AC-STT™ accommodates materials as thin as 0.6 mm - with or without gap conditions

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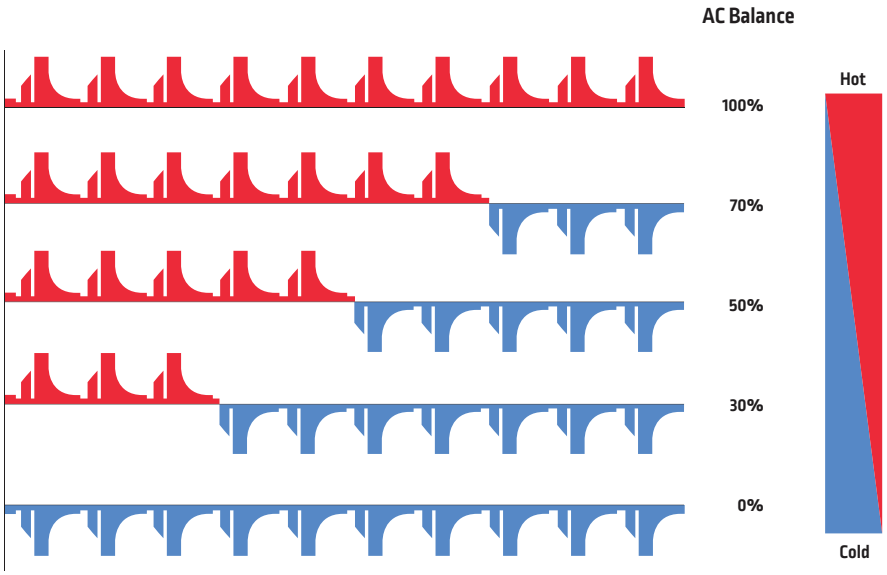
LINCOLN® ELECTRIC

Customized Penetration Profile

Utilizing Lincoln Electric's Waveform Control Technology®, operators can easily balance the waveform's ratio of DC+ or DC- polarity, allowing for a customized penetration profile that can accommodate a broad range of material thicknesses.



The duration of welding in positive or negative polarity can be directly controlled by the operator.

The Lincoln Electric Solution

Equipment	Weld Process*
Power Wave® S500 and R450 with Power Wave® Advance Module	AC-STT
Power Feed® 84	
AutoDrive® 4R100	
AutoDrive® 4R220	
AutoDrive® S	
AutoDrive® SA	

* Available as a FREE weld set update for current Power Wave S500 and R450 owners. Download at www.powerwavesoftware.com

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