This special edition is designed to provide you with current information on our company products and services for companies who wind electrical coils for transformers and power distribution. Wire Process Specialties has supplied cost saving and efficiency improving process solutions for coil winding applications for many years. Here are a few new products for your review.

**Carpenter Model 29 Portable Magnet Wire Stripper**

The new model 29 is a portable battery powered wire stripper for processing magnet wire. The model 29 uses the same collett assembly as the bench top 27F used in motor winding facilities worldwide. The model 29 has a wire range from 25 to 8 awg. Steel and carbide inserts are available as a bullet form for stripping close to a component. This is an ideal tool for applications where the assembly cannot be effectively processed on a bench top model. The 29 comes in a carrying case with a charger and two batteries.

Connect Your Way to WPS for more information on the model 29 or other processing solutions from Carpenter Manufacturing.

**Magnet wire splicing using ultrasonic welding**

Ultrasonic welding is a method of splicing that is widely used in assembly facilities worldwide. WPS has published an technical article in our News Channel on ultrasonic welding that provides some background on the ultrasonic welding process. To view click [here](#). Connect Your Way to WPS to let us provide a no obligation evaluation of your splice assembly.

**Coil winding Solutions from WPS**

Wire Process Specialties is pleased to have Itasca Automation as part of its Global Technology Partners Group. Itasca is a supplier of standard and custom designed coil winders for small to large coils. In addition to the Itasca brand of single and multi-spindle coil winders, Itasca is also a dealer for Synthesis Coil winders and TPC. These two companies provide a complete portfolio of assembly solutions from Itasca. Our engineers and technicians are experts in the coil winding process and can provide valuable assistance when introducing a new coil or expanding your capabilities. Connect Your Way to WPS to get started.

**Consumable Parts for Wire Strippers**

Wire Process Specialties is a factory authorized distributor for Carpenter Manufacturing. WPS can supply your requirements for consumable spare parts. Connect Your Way to WPS for our replacement part compatibility with competitor's processing machines.
Terminal and Crimping Solutions

Wire Process Specialties are experts in crimp technology. From simple hand and bench tool crimping equipment for loose piece terminals, through to bench to and automated solutions for reel mounted connectors, WPS is your source for your crimping requirements. But it doesn’t stop there. Connect Your Way to let us help you with your standard and custom designed terminal requirements.

Connect to WireProcess.info

Our News Channel is a resource for our customers. We are building a library of the WPS application knowledge from over three decades providing assembly solutions to a wide range of electrical assembly applications. Already there is a wide range of technical articles for review. Click here to review our special article on Transformer Manufacturing.

We are your resource for the latest in assembly solutions for wire processing. Connect Your Way to let us assist you in your wire processing assembly challenges.

Our Product Profile

Wire Process Specialties supply processing solutions (components and equipment) for electrical and electronic manufacturing and assembly.

Wire Processing.

- Measure and cut of wire and tubing.
- Wire Marking and Stripping.
- Crimping Technology
- Crimp Testing and Validation.
- Heat Shrink Tube Processing.
- Ultrasonic Wire Splicing and wire termination.
- Semi and Full automation of wire and cable harnesses.

Solar.

- Solar Panel Assembly (Ultrasonic)

Battery assembly

- Ultrasonic welding of battery cells.

A/C-HVAC.

- Copper tube sealing (Ultrasonic)

Transformer and Electric Motors

- Coil Winding Equipment.
- Coil Taping
- Magnet Wire Stripping.
- Ultrasonic welding
- Hairpin Coil winders for Hybrid motors.

Global Technology Partners

- Applitek Technologies
- CGS Technologies
- Carpenter Mfg.
- Etco Incorporated
- Itasca Automation
- Judco Manufacturing
- Kingsley Machine.
- Lakes Precision.
- Schaefer Megomat
- Stapla Ultrasonics.

Our Vision

To earn the privilege to be our Customer’s Natural Choice of a supplier of assembly solutions.