**AUTOMATIC COIL WINDER**

The most amazing winder, the 5500 Series can operate automatically; starting, coiling, unloading, and cutting, all without the need for an operator.

This winder features a fully equipped winding machine that creates the coil and when paired with an automatic cut-to-length station, receives the new coil from the winder, cuts it to length, and delivers it into the collection tray—all without the help of an operator.

Like all of our machines, the Automatic is operated by a true CNC control system running our EasyWind™ software that includes multi-pitch, multi-segment, multi-speed coil profiling—the best on the market today.

This is an ideal solution for coils with wire diameters 0.005" or greater. Smaller, more delicate coils may not be suitable for automatic operation and generally require hand transport.

---

**The Automatic's collet chucks are specially designed for automatic operation, available in a range of sizes, and are interchangeable.**

**All RothGreaves winders are clean room compatible for operation in medical device manufacturing.**

For more information call 1-952-404-2604 or visit www.rothgreaves.com
5500 SERIES

AUTOMATIC COIL WINDER SPECIFICATIONS & OPTIONS

- **CE CERTIFIED**
- **Dimensions:** 135" L x 35" W x 38" H
- **Chuck-to-chuck length:** 96"
- **Power requirements:** 208-240 VAC, Single Phase, 50/60 Hz, 10 Amp
- **Pneumatic requirements:** 80 psi @ 3.0 cfm (5.0 if hot air torch option is installed)
- **Servo motors/Drive amplifiers:** Spindles (2) – 400 watt, Carriage (1) – 750 watt
- **Winding speed max:** 6000 rpm
- **Controller type:** CNC multi-axis servo controller
- **Operating System:** Microsoft Windows 10
- **Manual jog controller:** Pendant with joy stick operation all axis
- **Operating Software:** EasyWind™
- **Interface:** 17” touch screen monitor and track ball keyboard
- **Wire tensioning:** Electronic (available in options)
- **Arbor tensioning:** Pneumatic or actuator control (available in options)
- **Tailstock Chuck sizes:** 1/16”, 1/8”, ¼” (option)
- **Headstock Collet sizes:** 0.010" to 0.180" (option)
- **Collet sizes:** 0.036" diameter to 0.500" diameter (available in options)
- **Safety features:** Light curtain with surround or door with surround (available in options)
- **Multi-filar options are available for this model**

**Available Options:**
- **Electronic spool brakes** (3 oz-in, 11 oz-in, 35 oz-in, 85 oz-in, 140 oz-in)
- **Pneumatic arbor tension** (20 lbs, 85 lbs, 130 lbs)
- **Electronic arbor tension** with force feedback (0-10 lbs, 0-25 lbs, 0-50 lbs)
- **Arbor dampers** (flat faced contact and roller style)
- **Heavy duty wheels** with leveling feet
- **Multi-Filar spool racks**
- **Payout angle compensator** (with or without protractor)
- **Safety light curtain** and/or safety covers
- **On-site Training**
- **Hot air torch** (1200 F Maximum)
- **Camera**
- **Bar code reader**
- **In-line wire annealing**

For more information call 1-952-404-2604 or visit www.rothgreaves.com

RothGreaves & Associates has been leading the Precision Coil Winder industry for over 25 years through continuous innovation and dedication to customer service and training.

RothGreaves & Associates is headquartered in Minneapolis, MN in the United States.