



RothGreaves

**Now
CE Certified!**

Family of Coil Winders

RothGreaves standard and custom coil winders offer features like high-rpm motors, electronic spool tensioners, analog pitch compensators, EasyWind Windows™ based software with full CNC coil winding control, multi-filar payout racks, and hot air torches. On-site training is available.



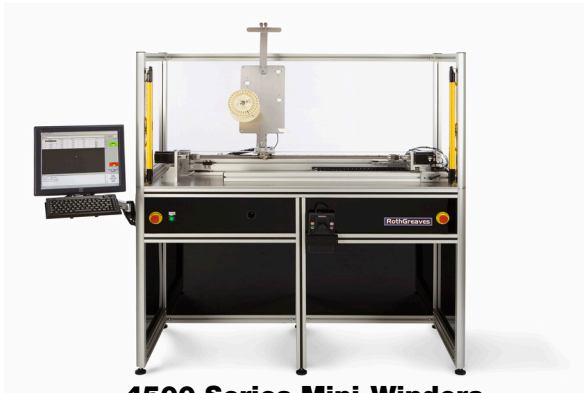
4000 Series Manual Winders

RGA Manual Coil Winders are available in standard sizes as well as custom sizes to suit your coil requirements. All models offer unique features not available from other manufacturers including EasyWind Windows™ software.



5500 Series Automatic Winders

RGA Automatic Coil Wire Winders run unattended to produce high-quality coils in large volumes. These coil winders are available in single arbor or double arbor configurations as well as custom lengths.



4500 Series Mini-Winders

RGA Mini-Winders are the same full-featured machines as the larger models and are perfect for R&D applications or light production. All RothGreaves winders use the same EasyWind Software.



6000 Series Side-Winder Hybrid Coiler

RGA Side-Winder is designed to transfer a coil directly to a mandrel without the coil springing back off the mandrel. Perfect for catheter manufacturing where the coil is formed at the mandrel diameter.



4800 Series Bunk Bed Winders

RGA Bunk Bed Winders combine two fully independent winders in one machine to save floor space. Each winder has all the features of our single arbor models while providing twice the throughput.



7000 Series Arbor Puller Winders

RGA Arbor-Puller winders automatically release the coils from the arbor after winding and coil cutting is built right into the machine.



For more information call 1-952-404-2604 or visit <http://www.rothgreaves.com/coil-winders>

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PRODUCT DESCRIPTION

Coil Winders

Features and Specifications for Automatic 80" Winder:

- Dimensions..... 135" Length x 35" Width x 38" Height
- Power requirements: 220 VAC 20Amp Single Phase 50/60Hz
- Pneumatic requirements: 80 psi @ 5.0 cfm for models without hot air torch
- Motor type and size:..... 60 mm brushless servo, 80 mm brushless servo for carriage
- Winding speed max:..... 6000 rpm
- Drive amp size:..... 400 watt, 750 watt
- Controller type:..... PCI-2 CNC multi-axis servo controller
- Interface: 17" touch screen monitor and track ball keyboard
- Wire tensioning:..... Electronic (range of sizes available)
- Arbor tensioning: Pneumatic (on tail stock)
- Chuck size/type:..... 1/8" Albrecht tailstock/Custom collets for spindle
- Coil cutter: Pneumatic with side cutting blades
- Manual jog controller:..... Pendant with joy stick operation all axis
- Computer Operating System: Microsoft Windows XP

Available Options for Winding Machines:

- Hot air torch (1200 F Maximum)
- 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