



RothGreaves

Automatic Coil Winder

Produce high-quality coils for catheters, guidewires, pacing leads, and other specialized medical coils



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. Our custom high speed spindles and clamping system allow the arbor to be reused for every coil eliminating the need for a spool of arbor material.

Standard Features Include:

- 6000 rpm motors
- electronic spool tension
- analog pitch compensator
- adjustable tailstock for any length arbor
- automatic arbor tension
- clean room ready for medical coil production
- powerful EasyWind Windows™ based software with full CNC coil winding control
- reliable interchangeable arbor chuck system
- serviceable wire cutter with standard blades

- automatic or manual operation
- hand held controller

Other Available Options:

- multi-filar payout racks
- hot air torch
- 10,000 rpm high speed motors
- dual arbor with programmable arbor selection
- through feed spindles on tailstock
- custom lengths
- linear encoder for carriage position
- full range of collets for coil diameters
- hot air torch
- on site training

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

PRODUCT DESCRIPTION

Automatic Coil Winder

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:

- Hot air torch (1200 Degrees Fahrenheit max)
- Electronic brake sizes (11 oz-in, 35 oz-in, 85 oz-in, 140 oz-in)
- Additional spool spindles
- Custom wire payout tooling design is available
- On site training

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