

6000 SERIES

SIDEWINDER HYBRID WINDER



The innovative design of RothGreaves SideWinder machine allows direct-to-mandrel coiling at the diameter of the mandrel. This is perfect for reinforced catheter manufacturers. Depending on the diameter of the mandrel, we have two processes that are used to transfer the coil for a tight to the mandrel coil:

Method 1: **direct transfer** from a pre-coil and helical transfer directly onto a mandrel. This method pre-forms a coil from the deflection winder and then transfers it to the mandrel using a pitch guide. The coil is now on the mandrel at the diameter of the mandrel and ready for the next process step.

Method 2: the **helical transfer** process forms the coil and at the same time screws the coil onto the mandrel. After the coil is on the mandrel it can then be placed in the pitch setting guide to precisely set the pitch and lock the coil onto the mandrel. Pitch Settin Guide sold separately (see other side).

RothGreaves' proprietary EasyWind software was created for multi-pitch, multi-segment, multi-speed coil profiling and is the most advanced software on the market today.

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Supporting Medical Device Manufacturing Around the World

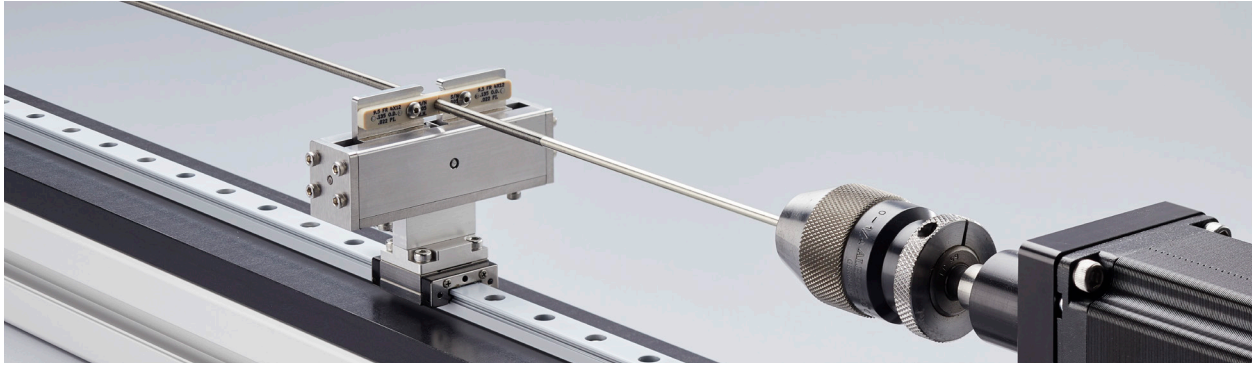
RothGreaves & Associates ~ 1-952-404-2604
2430 West Industrial Blvd. ~ Long Lake, MN 55356, USA

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Designed, built, and vigorously tested to meet and exceed our uncompromising standards, RothGreaves precision coil winders are the most reliable and highest producing coil winders on the market today.

With over 30 years experience in the medical device industry, we're not only dedicated to continuous innovation and to producing the very highest quality machines, we're also dedicated to YOU—our valued customers around the World.

To find out more about our products and services, and how we might be of service to you, please visit our website at www.rothgreaves.com or call us at 1-952-404-2604. We'd love to hear from you!



When using the *helical transfer* process, the Pitch Setting Guide is used after a helical transfer to set an accurate pitch and coil seating. The Pitch Setting Guide is sold separately.

6000 SERIES SIDEWINDER HYBRID COIL WINDER SPECIFICATIONS & OPTIONS

- CE CERTIFIED
- Dimensions: 129" L x 29" 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", 1/4" (available in options)
- Headstock Collet sizes: 0.010" to 0.180" (available in options)
- Safety features: Light curtain with surround or door with surround (available in options)
- Multi-filar options are available for this model

SideWinder Hybrid not the right fit?
Check out our other models:



4000 Manual Winders



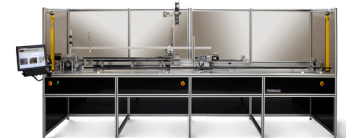
4500 Mini-Winders



4800 Bunk Bed Winders



5000 Automatic Winders



7000 Arbor Puller Winders

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