

8100 SERIES

MULTI-FILAR WINDER

WITH DUAL ARBOR



The 8100 Series Multi-Filar Dual Arbor Winder is designed to maximize productivity without compromising precision.

Its dual-arbor configuration allows two mandrels to be wound simultaneously, significantly increasing throughput while maintaining exceptional coil consistency and quality. The system can accommodate up to 16 filament payout spindles, each featuring fine wire tension control for precise management of individual wires throughout the winding process. Together, these advanced capabilities make the 8100 Series an ideal solution for producing a wide range of reinforcement coils used in catheter and other medical device applications.



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CONNECT OR CONTACT US



1-952-404-2604



REQUEST@ROTHGREAVES.COM



2324 W INDUSTRIAL BLVD
LONG LAKE, MN 55356

8100 SERIES

MULTI-FILAR WINDER WITH DUAL ARBOR



STANDARD SPECIFICATIONS

- **CE CERTIFIED**
- Dimensions: 132"L x 40"W x 73" H, (Does not include monitor arm)
- Chuck-to-chuck length: 96"
- Power requirements: 208-240VAC, Single Phase, 50/60 Hz, 10 Am
- Carriage spindle max: 16 total, 8 per mandrel
- Pneumatic requirements: 80 psi @ 3.0 cfm
- Winding speed max: 6,000 rpm standard or 10,000 rpm high speed
- Controller type: CNC multi-axis servo controller
- Operating Software: EasyWind™
- Operating system: Microsoft Windows 10, embedded
- Interface: 17" touch screen monitor and track ball keyboard
- Manual jog controller: Pendant controller with joy stick operation for all axis
- Wire tensioning: Active payout with forced feedback
- Arbor tensioning: Pneumatic actuator with forced feedback
- Chuck sizes: 1/16", 1/8", 1/4"
- Collet sizes: 0.036" diameter to 0.500" diameter
- Safety features: Light curtain with surround or door with surround
- Payout tooling: Standard 2 pin guide, compensator, or custom payout tooling available

MORE COIL WINDER MODELS

1000 SERIES DESKTOP WINDER BUDGET FRIENDLY, LIGHTWEIGHT & PORTABLE R&D	2000 SERIES RE-SPOOLER QUICK & PRACTICAL WIRE TRANSFERS	4000 SERIES MANUAL COIL WINDER OUR MOST POPULAR COIL WINDER	4500 SERIES MINI-WINDER SMALL FOOTPRINT COIL WINDING	4800 SERIES BUNK BED WINDER SPACE SAVING STACKED COIL WINDERS	5000 SERIES AUTOMATIC WINDER FULL CYCLE COIL WINDING AUTOMATION	6000 SERIES SIDE WINDER DIRECT TO MANDREL DIAMETER COILING	8000 SERIES MULTI- FILAR WINDER WIND MULTIPLE WIRES AT THE SAME TIME
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