

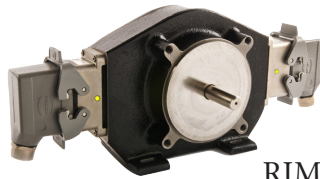
PULP & PAPER INDUSTRY

NorthStar Encoders - the Pulp & Paper Industry's First Choice in Feedback

Speed, precision and control are critical in the fast-paced pulp and paper industry. Northstar offers a wide range of heavy-duty encoders and mill-duty magneto-resistive encoders designed to meet this industry's performance and environmental extremes.



c-face mount RIM Tach
8500 NexGen



shafted RIM Tach
6200 NexGen

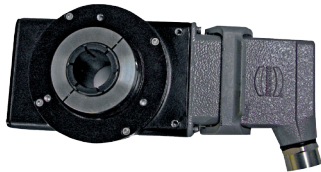


Magnetic Incremental Encoder

- Largest non-contact sensing gap available on the market (70-thousandths)
- Higher resolutions to 2400
- Active LED with diagnostics
- Stub shaft available
- Protective magnetic wheel edge guard
- Eliminates bearing and coupling which reduces encoder failure points
- **Application:** Web Handling, Pressing, Drying

Severe Duty Magnetic Encoder

- Stainless Steel and Ductile Cast Iron Construction for a Rugged Heavy Duty Encoder
- New Sensor Technology Provides Extra Wide Gap for even Higher Reliability
- Extra Heavy Duty Bearings for Long Life
- Foot-Mounted or 56 C-Face Mount Ideal for "Flower Pot" or Belt Drive Applications
- Active LED with diagnostics
- **Application:** Web Handling, Pressing, Drying



hollow-shaft HSD35



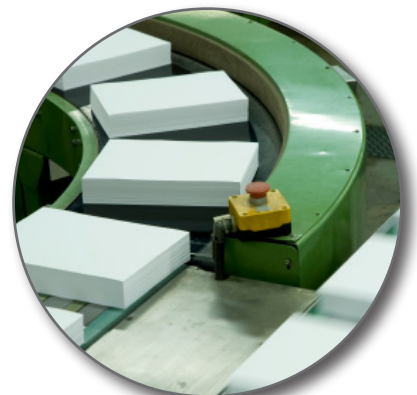
Voltage Converter RIMFV

Heavy Duty Optical Encoder

- Rugged Design Resists up to 400g Shock
- Stainless Steel Clamp and Hub Shaft for Mill Duty
- Compact Design with Field Serviceable Connector for Solder-Less Connections
- Dual Isolated Output Option for Redundancy
- **Application:** Finishing/Winding

Update Analog Signals to Digital by Combining RIMFV with NorthStar Tach

- Update GE BC42 & BC46 Models
- Get Modern and Reliable Digital Technology
- Two (2) Retrofit Packages Available
- Pair with RIM Tach 8500 or 6200 NexGen
- Simple Installation



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View Dynapar's Encoder and Resolver product portfolio at www.dynapar.com