

Capabilities Statement

Encoder Products Company (EPC) designs and manufactures precision rotary motion sensors (encoders / transducers) for use in demanding motion control applications in industrial, OEM, aerospace and defense customers. Established in 1969 when our founder introduced the first “cube” encoder to the commercial market. Globally headquarters in Sagle, Idaho, USA.

Core Competencies

- Design and production of high-performance incremental and absolute rotary encoders with optical and magnetic sensing (up to 16 million increments over 360° rotation (CPR))
- Engineering tech support for application installment/troubleshooting
- Cross-over applications; helping you replace legacy/hard to find encoders quickly and effectively.
- Quick-response vertically integrated manufacturing for short lead times
- Over 3 million variations available to meet your specific need
- Vertically integrated for industry leading **OTD** and quickest lead time

Past Performance and Stability

- EPC has a full production line dedicated to manufacturing encoders for a USA Prime weapons contractor - with room for growth
- EPC private labels for OEM's including other encoder manufacturers
- EPC's annual sales \$20-50m and has been manufacturing rotary encoders for over 55 years as the largest privately held encoder manufacturer in the USA!
- We are Encoder.com - the original encoder company!
- Specific referrals available - please inquire for what you are looking for

Customers We Serve



Differentiators

Largest privately held encoder manufacturer in North America.

Onsite vertical integration in Idaho to deliver in days - not weeks!

A wide range of configurable standard encoders
(EPC can configure over 3 million different standard encoders).

100,000 sq ft of in-house manufacturing with room to grow.

Onsite space to install a dedicated line for your need.

Easy cross-referencing of competitor encoders for alternate sourcing.

Corporate information

ISO 9001:2015 Quality System
Set Asides: Small Business

(HUBZone filed Q1 2025 est cert Q3)

ITAR Registered

CAGE: 53136

UEI: HCGKRVFDUWA1

DUNS: 057532871

PRIMARY NAICS: 334519

Additional NAICS: 334419, 335314

Established: 1969

www.ENCODER.com

Capabilities Statement

Processing Capabilities

- Modern, fully equipped machine shop
 - 3-axis, 4-axis and True 5-axis CNC machining centers
 - 3 Swiss CNC machines, high-throughput, high accuracy
 - 3 Vertical mills
 - High pressure coolant and thermal control
 - Accuracy to 0.0002"
- Metrology and inspection with Renishaw CMM
- PCB design and assembly
- Automated SMT and wire bonding
- Optical disk manufacturing
- Cable & cord set fabrication and assembly
- Lean cell manufacturing
- Engineering: Design, Value-Add, Sustaining, Customization, Tech Support
- 3D Printing for rapid prototyping
- Integrated ERP System
- Stocking and drop ship



Facility and location

- 100,000sqft of dedicated production, engineering, administrative, space with land to grow to 400,000sqft
- Closest major airport: Spokane International Airport.
- Segregated/zone-based production to prevent pandemic shut-downs and delayed deliveries due to illnesses.
- Utilizing approximately 1/3 of facility capacity with room to grow



Contacts

For quickest response or regional sales:

sales@encoder.com

Mike Erikson

Government Business Manager

208-500-1082

mike.erikson@encoder.com

Encoder Products Company

464276 Hwy 95, Sagle, ID 83860

United States of America

800-366-5412

sales@encoder.com



Quickly replace your encoder

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