

# METAL WORKING

## Precise Control for Metalworking

The Metalworking industry requires heavy-duty feedback solutions that can withstand tough operating conditions that often include contaminants, high temperatures, and significant shock and vibration. Whether you are optimizing metal cutting, metal forming or any other Metalworking application, Dynapar exceeds all industry requirements with its wide selection of reliable heavy-duty magnetic and optical encoders and resolvers that will maximize your machine uptime.



*brushless* Resolvers



*shafted* HD25

### Frameless Resolver

- Servo Mounting
- Anodized Housing with Low Mass
- Machine Wound Stator for High Accuracy

### Heavy Duty Optical Encoder

- Industry Standard Size
- Wide Range of Resolutions Available
- Optional Extended Temperature Range of -40°C to +100°C



*C-Face Motor Mount* SL85



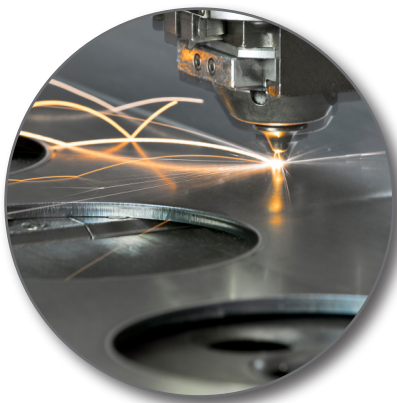
*shafted* AR62/63

### Magnetic Bearingless Encoder

- Single and Dual Isolated Outputs
- Bearingless Design Mounts to 180 C-Face Motors
- Magneto-Resistive Technology Resists Dust, Dirt, Oil, Water and other Contaminants
- Dual C-Face Versions Available for "Sandwich" Mounting

### Magnetic Absolute Encoder

- Stainless Steel or Aluminum Housing
- Submersible - IP69K Available
- -40°C to 100°C Temperature Range
- 12-bit Single-Turn Resolution
- Oversized Bearings



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View Dynapar's Encoder and Resolver product portfolio at [www.dynapar.com](http://www.dynapar.com)