

Customer Profile

User of high-speed blanking presses for production of small metal parts.

The Challenge

Customer requires a means of monitoring the:

- crank angle on the press, to ensure accurate stroke of the moving die,
- speed of metal in-feed to the press, to maintain proper in-feed speed,
- the speed of the press itself, to guarantee web tension of in-fed metal and process speed.

Without these measurements, the machine is difficult or impossible to control without tight operator supervision, which results in increased waste and inefficiencies in production.

The Solution

BRIH 40D3617K01000E29 - magnetic incremental encoder with radial M9 connector.

Product Features

- Magnetic sensing principle
- Small size
- 12mm hollow shaft
- 100g shock / 30g vibration
- IP65 housing seal rating

Benefits to the Customer

- Rugged performance in harsh environments
- Easily integrated into cramped design environments
- Hollow shaft reduces installation costs and saves space in design
- High shock and vibration resistance provide better results than industry standards of 50g shock and 10g vibration
- Limited leakage of liquids or ingress of dust and dirt

Market Opportunities

- Rotary stamping presses
- Progressive die stamping presses
- High-speed blanking presses
- Automatic metal feeders



For application information, contact:

Baumer Ltd.
122 Spring Street, Unit C-6
Southington, CT 06489

Phone: (860) 621-2121
Fax: (860) 628-6280
E-mail: sales.us@baumerelectric.com
www.baumerelectric.com/usa

Customer Service: (800) 937-9336
Technical Support: (860) 621-2121