



Modernization & Engineering Support

Tailor-made encoder solutions from the planning stage through to installation

Technical. Personal. Tailor-made.

In addition to the choice of the right encoder, the best-possible mechanical mounting is a hugely significant factor in ensuring reliable and trouble-free plant operations.

We offer personal consultation and tailor-made encoder system solutions for greenfield and modernization projects.

In doing so, we work according to our modernization and new systems concept that has been proven many times worldwide; please refer to the graphic below.

Your benefit:

- Professional preliminary planning/ preparation
- Short downtimes
- Smooth old/ new conversion
- High plant availability
- Short amortization periods
- High modernization ROI
- Complete solution from one source

Our goal: Increase and secure the competitiveness of our customers.



- Taking stock of the situation on site
- Clarifying technical options at the plant
- Drawing up sketches and proposing solutions
- Contract-specific design
- Producing encoders and mechanical components
- Delivery of encoders including all attachments
- Assembling the complete encoder system
- After-sales service and consultation for special questions

Case Study Cranes: Modernization of hoist monitoring (drum side)



Before: Distribution gear with mechanical cam limit switch, absolute encoder and mechanical overspeed switch



After: Direct mounted U-ONE basic unit with electronic modules in the switchboard

Improved operating reliability and positioning accuracy at the ladle crane

- Reliable braking when overspeed is detected
- Precise switching of hoist positions
- Configure parameters quickly and easily
- Preset shortens downtimes after rope change

More detailed information as well as additional examples can be found in our modernization catalog or on our website.



Visit us at:
www.huebner-giessen.com/en/applications
 or simply scan the QR code.

How to start:

- 1 Send us some photos and/or drawings showing your application
- 2 Give us your additional requirements by using the following check list
- 3 You will get a first solution concept with rough price information

We need some additional information about your requirements.

✓	Kind of application
✓	Motor: type/rated power/max. speed
✓	Shaft Diameter
✓	Control tasks (signal): speed (incremental)/position (absolute)/overspeed (switch)/other
✓	Incremental signal: pulse rate/supply voltage/output voltage HTL or TTL/marker pulse
✓	Absolut signal: single- or multiturn/resolution (bit)/SSI/ProfiBus/CANBus/EtherCat/DeviceNet/other
✓	Construction type: flange with coupling/hollow shaft/foot
✓	Temperature range
✓	Special ambient conditions
✓	Protection class
✓	Preferred electrical connection type: terminal box/round plug (Burndy)/Harting plug/other
✓	Cable type: copper/fiber optics
✓	Encoder quantity
✓	Time period for realization