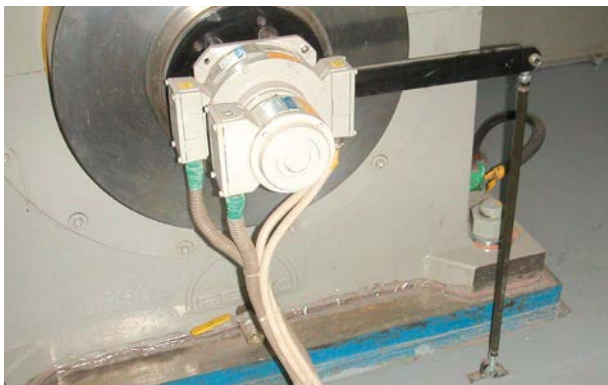


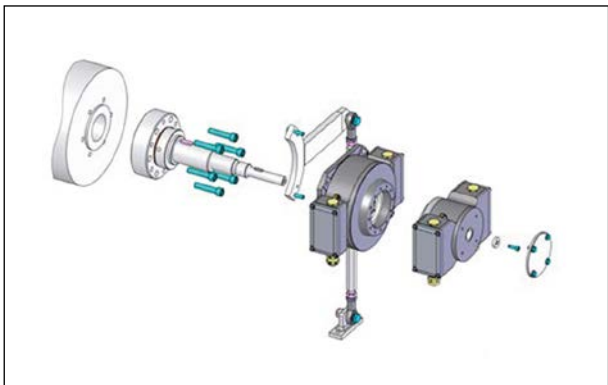


## Hot and Cold Rolling Mills / Main drives: Modernization of existing encoder installations

- Easy exchange or extension of existing encoder solutions
- Cost-efficient, as encoders can be exchanged selectively
- Implementation in the shortest possible time, optionally SIL certified
- Planning, delivery and mounting support from a single source



*Hübner Giessen standard encoder solution for main drives*



*Exploded view*

### Task

All around the world Hübner Giessen encoder solutions are installed at main drives of Hot and Cold Rolling Mills.

These large motors often run for many years and after a while the question about a possible encoder modernization arises to provide new or additional electrical outputs.

### Hübner Giessen Solution

With the encoder solutions implemented by us, the scope for a modernization is limited to a minimum. For example, our FGH 6 and FGH 8 encoders have an integrated mounting flange ex works. Thereby an additional encoder can easily be added to the existing encoder system.

This could be a freely programmable overspeed switch or a universal encoder system with fiber optic signal transmission (both optionally SIL certified). But also an additional incremental encoder with different pulse rate could be an option.

In any case you can count on our support for the complete project. From the first discussion to the installation support on site.

### Products

- Incremental encoder FGH 6 and FG 40
- Overspeed switches, EGS 40 or 41
- Absolute encoder
- Adapter flanges
- Torque brackets
- Engineering Support

