



# Data processing

Analysis and active optimization of the manufacturing process – before, during and after production

## Connection and mapping of all machine and process data

evoTrQ provides innovative system modules, the manufacturing process in your press shop benefits from. A sophisticated data collection and near-real-time visualization permit the adaption of running production processes and supports the development of comprehensive analysis potentials. So you can expand your knowledge about the whole process handling continuously. evoTrQ combines the concepts industry 4.0 and internet of things in a modular system and establishes the smart factory in your press shop. Our System collects production and process data and makes them available for analysis. This enables active optimization of the manufacturing process – before, during and after production in the press shop.

## At a glance:

- Connection to the coil blanking line
- Press stage parameters
- Real-time visualization of different quality parameters
- Connection to various measurement system
- Integration to the press control
- Feedback of defects



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here you can find further information and videos:



<https://www.evopro-ag.de/evotrq>

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## FEATURES

### Coil blanking line connection:

- Oil quantity
- Roughness
- Tensile strength
- Oil stripping lip
- Weld seam detection
- Leveling unit

### Forming press connection:

- Virtual component tracking
- Oiling / brushing unit
- Parameters of pull and press stages
- Connection of external measurement systems

### Visualization coil blanking line:

- Real-time visualization of running processes
- Display of measurement data and stack information

### Visualization forming press:

- Near real-time visualization of the current stack of blanks
- Evaluation and visualization of material changes

### Mobile applications:

- Retrieval of blanks and component information
- Feedback of defects on components

