

# SAFE SYSTEM OPERATION

Digital Process Monitoring for Hot Forming

## High-Tech Integration

State-of-the-art sensors detect even the smallest changes throughout the entire press hardening process.

## Fully Automated Data Analysis

Continuous analysis of temperature profiles, furnace times, and metallurgical transformations enables unmatched real-time control of the entire production process.

## What we track

- ✓ Real-time blank tracking
- ✓ Analysis of furnace parameters
- ✓ Tool status & forming
- ✓ Cooling process & component quality



### Digital Twin of the Process

Digital twin of the system and the produced components



### 100% Traceability

Individual component monitoring from the raw blank to completion



### Reaction in Real-time

Real-time adjustment for quality fluctuations



### Automated Calculations

Reports on diffusion, austenitization, or temperature at the push of a button



### Quality Control

Seamless monitoring of metallurgical and mechanical component properties



### Process Overview

Online access for location-independent adjustments

**More  
Info?**



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