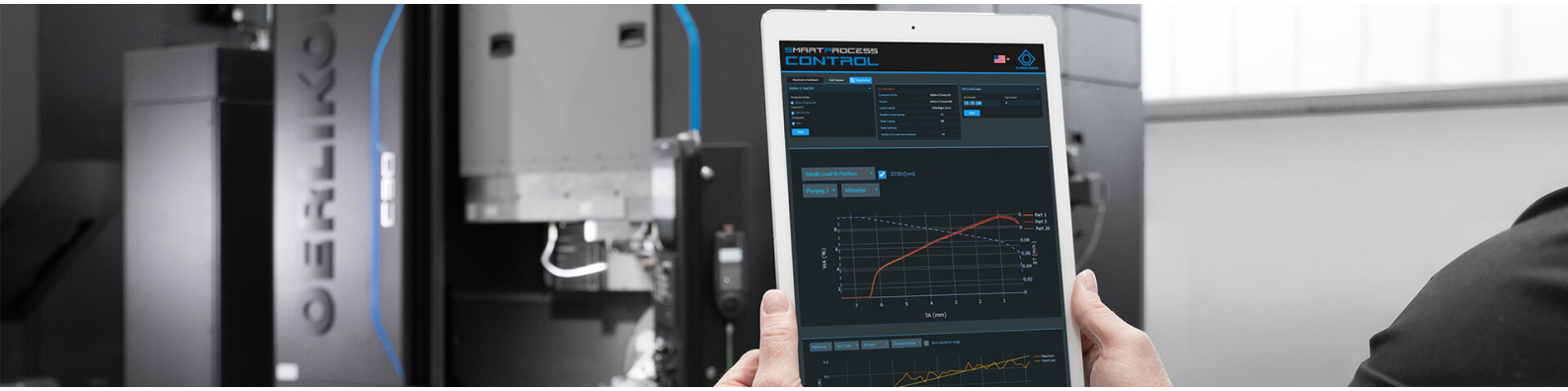
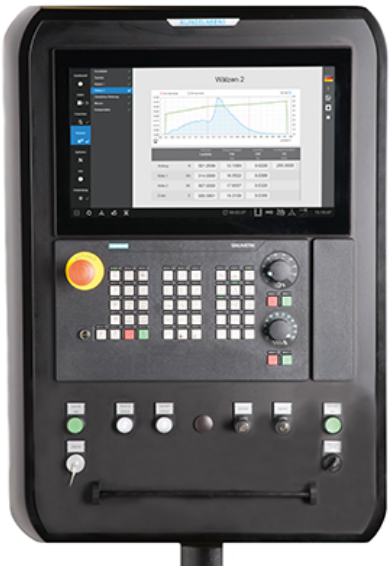
KLINGELNBERG





SMART PROCESS CONTROL

SOFTWARE

PROCESS OPTIMIZATION IN BEVEL GEAR PRODUCTION

Process optimization, production monitoring and tool life analysis in bevel gear manufacturing – with the Smart Process Control software, users have a comprehensive process documentation tool at their disposal. All the key data for the cutting process, the tool and the machine tool are just a click away with the app.

HIGHLIGHTS:

- Transparency over the tools and processes by accessing the production overview
- Detailed visualization of process data, thus helping to improve the production planning and making informed decisions
- Gain deeper insight by understanding tool behavior with variations in the process variables, and thus design optimized processes with lower cycle times and better tool utilization
- Detect and diagnose the tool performance issues through visualizing the trends in the utilization rate and process outliers, thus preventing unplanned downtimes and increasing tool performance
- Generate insightful reports and share the findings easily with others, thus simplifying the maintenance process and managing tool conditions all the times
- Use rules operator to deploy the monitors for process variables, thus avoiding tool incidents and reducing maintenance costs

HIGHLIGHTS