



SMART PROCESS CONTROL

SOFTWARE

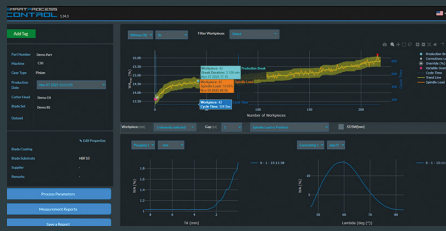
PROCESS OPTIMIZATION IN BEVEL GEAR PRODUCTION

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



EVENT TRACKING CONTROL

Event ID	Event Name	Event Type	Event Status	Event Start Time	Event End Time	Event Duration	Event Count	Event Latency
10000001	Event 1	Event Type 1	Event Status 1	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	100	100ms
10000002	Event 2	Event Type 2	Event Status 2	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	200	200ms
10000003	Event 3	Event Type 3	Event Status 3	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	300	300ms
10000004	Event 4	Event Type 4	Event Status 4	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	400	400ms
10000005	Event 5	Event Type 5	Event Status 5	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	500	500ms
10000006	Event 6	Event Type 6	Event Status 6	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	600	600ms
10000007	Event 7	Event Type 7	Event Status 7	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	700	700ms
10000008	Event 8	Event Type 8	Event Status 8	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	800	800ms
10000009	Event 9	Event Type 9	Event Status 9	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	900	900ms
10000010	Event 10	Event Type 10	Event Status 10	2023-01-01 00:00:00	2023-01-01 00:00:00	00:00:00	1000	1000ms

