



Welcome to ARTIS. The Tool Monitoring Company.



ARTIS develops, produces and sells tool and process monitoring systems as well as machine condition monitoring systems that are used in all metal-cutting production sectors.

With respect to the development and specification of ARTIS products, our cooperative enterprises and joint development projects with manufacturers of machine tools and machine control systems always provide solutions oriented towards satisfying the requirements of users.

Headquartered in Germany, ARTIS is also represented by its own subsidiaries in two other countries.

In many other countries, ARTIS cooperates closely with authorised dealers and thus guarantees worldwide customer care.

In many countries, ARTIS offers technical support in the respective national language.

ARTIS service is rated excellent by many customers.

The purpose of the ARTIS systems is the analysis, protection and optimisation of production processes with the objective of assuring quality and reducing costs.

ARTIS has many years of extensive experience in tool and process monitoring and also has comprehensive knowledge about all common control techniques.

The philosophy of our company is moulded by consistency and reliability. This company philosophy is mirrored in the ARTIS products and services as well as in the cooperation with our business partners.



ARTIS Products:

- > OCON
- > CTM
- > ORANTEC
- > GENIOR



Certificates

We have established our competence as SIEMENS Solution Partner Provider in the following areas:

- SINUMERIK Machine Tools

Our products and services

Modern production facilities are becoming more and more complex. In order to achieve an acceptable Return-on-Investment (ROI), these production facilities must operate at their limits of performance. This, however, is no longer possible without appropriate tool and process monitoring.

In combination with excellent services, the control-integrated ARTIS systems ensure shorter commissioning phases and a high degree of reliability for the entire production facility.

The ARTIS service packages of process analysis, environment analysis and optimisation result in a significant increase in productivity and also in an improvement of the ROI.

In addition to our many years of experience in tool and process monitoring, we cooperate closely with different partners and specialists in the control system and machining industries in order to offer them the best solutions.

The ARTIS tool and process monitoring approach:

- > Process analysis
- > Process protection
- > Quality assurance
- > Cycle time optimisation
- > Early detection of malfunctions
- > Prevention of damage to workpieces and tools
- > Minimisation of downtimes
- > Automatic feed regulation by Adaptive Control
- > Machine protection

Using tool and process monitoring to protect tools and machines, secure processes and optimise output targets

- > Increase in overall equipment effectiveness
- > Increase in the availability of machines and equipment
- > Increase in performance level
- > Prevention of idle times and short downtimes
- > Prevention of decreased cycle speeds
- > Minimisation of start-up difficulties
- > Reduction of machining time costs
- > Increase in quality rates
- > Increase in productivity

References

- Alzmetall
- Benzinger
- Chiron
- Dörries Scharmann
- FMS
- Gildemeister
- Grob
- Handtmann
- Index
- Loch
- Mikron
- Niles
- Pittler
- Stama
- Starrag Heckert
- Vogtland
- Weisser
- etc.

Information about Siemens Solution Partner Programme

Within the framework of this programme, Siemens and the Solution partners all join forces. The interaction of product and system know-how with the application and branch know-how forms the basis for the fast, smooth and highly efficient implementation of your requirements – tailored solutions for your competitive edge.

www.siemens.de/automation/solutionpartner

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