

Telso® Assist – The revolution in welding process control and increased productivity

PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SIEVING



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At a time when increasing efficiency and quality control in the manufacturing industry is crucial, Telsonic has pioneered "Weld Control by Telso® Assist". This innovative system not only redefines welding process control, but also represents a comprehensive solution for increasing productivity and quality.

Intuitive support for users

Telso® Assist takes user-friendliness to a new level. Users are comprehensively supported by the visualization and monitoring of data and statuses as well as the logging of deviations. Workflows are designed in such a way that they significantly reduce the familiarization time and assist with specific recommendations where necessary. One application example of this is the integration in a global technology company that was able to significantly improve the efficiency of its welding processes with the help of Telso® Assist.

Maximum transparency through end-to-end digitalization

The digitalization of all processes and pieces of equipment creates unprecedented transparency and traceability. Assigning digital identities to each piece of equipment enables a seamless data flow and forms the basis for comprehensive process control. This transparency has proven particularly effective in the automotive industry, where the traceability of pieces of equipment and processes is crucial.

Error prevention and quality improvement through precise control

The precise monitoring and control of welding processes by Telso® Assist makes a significant contribution to error prevention. Based on the acoustic parameters, which are recorded digitally and compared with the operating data as required, anomalies can be detected and rectified at an early stage. A concrete example of this is provided by a company in the electronics industry, which was able to reduce its scrap rate by 25% by using the advanced monitoring functions of Telso® Assist.

Secure and needs-based data exchange

The Telso®Assist platform enables welding process data to be exchanged quickly, securely and in line with requirements. Thanks to the cloud-based infrastructure and the use of asymmetric encryption standards, companies can be sure that their data is protected and available at all times. This is particularly relevant for sectors in which the protection of sensitive data plays a major role, such as the aerospace industry.

Flexibility and future-proofing

Telso®Assist not only impresses with its current performance, but also with its flexibility and future-proofing. The basic package already covers a wide range of functions, while additional packages and separate add-ons allow the range of functions to be expanded on an individual basis. This allows the system to grow with the needs of the company and adapt to new challenges.

Conclusion

"Weld Control by Telso®Assist" is more than just a product; it is a comprehensive solution that supports companies in optimizing their processes and increasing their competitiveness. The combination of error prevention, time savings and transparency, supported by end-to-end digitalization and innovative technology, makes Telso®Assist an indispensable tool in the modern manufacturing landscape.

Further information and contact details can be found on our website: www.telsonic.com

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