



## PRESS RELEASE

# Metris Visual Die Protection monitors car body production in the Smart Press Shop

*GRAZ, JULY 03, 2025.* In the production of body parts, the quality of the dies is of paramount importance. Even the smallest errors, such as defective dies or tooling elements, scrap accumulation, or cracks in the components, can cause significant costs and impair production efficiency. Such damages would lead to production downtime and additional maintenance costs.

To protect the dies and keep production running smoothly, Smart Press Shop GmbH & Co. KG – an innovative joint venture between Porsche AG and ANDRITZ Schuler based in Halle (Saale), Germany – relies on the monitoring system Metris Visual Die Protection (VDP). VDP uses advanced camera technologies and image processing algorithms to continuously monitor the condition of the dies in real-time. The system detects foreign objects and scrap accumulation in the tools as well as cracks in components at an early stage, stops the system immediately if necessary, and thus prevents potential damage before it affects the production process.

*"Visual Die Protection has enabled us to proactively protect our dies and maintain availability at a consistently high level," says Hendrik Rothe, Managing Director of Smart Press Shop. "The further possibilities for monitoring processes in the press and the dies are extremely promising and are already showing success."*

The implementation process at Smart Press Shop went quickly and smoothly. Employees received training to optimally use the system and are developing it further together with experts from ANDRITZ Schuler. By analyzing the image data collected throughout the entire production batch, weaknesses in the dies are identified and specifically improved. In addition, Smart Press Shop has many other digital solutions from Metris that support intelligent and sustainable manufacturing.

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#### **PRESS RELEASE AND IMAGE AVAILABLE FOR DOWNLOAD**

The press release and image are available for download at [andritz.com/news](https://andritz.com/news). The image may be published free of charge if the source is stated: "Image: ANDRITZ".

#### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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## **ANDRITZ GROUP**

International technology group ANDRITZ provides advanced plants, equipment, services, and digital solutions for a wide range of industries, including pulp and paper, metals, hydropower, environmental, and others. Founded in 1852 and headquartered in Austria, the publicly listed group employs about 30,000 people at 280 locations in over 80 countries.

As a global leader in technology and innovation, ANDRITZ is committed to fostering progress that benefits customers, partners, employees, society, and the environment. The company's growth is driven by sustainable solutions enabling the green transition, advanced digitalization for highest industrial performance, and comprehensive services that maximize the value of customers' plants over their entire life cycle. ANDRITZ. FOR GROWTH THAT MATTERS.

## **ANDRITZ METALS**

ANDRITZ Metals is – via ANDRITZ Schuler – one of the world's leading suppliers of technologies, plants and digital solutions in metal forming. The product portfolio also includes automation and software solutions, process know-how and service. In the metals processing segment, the business area offers innovative, sustainable and market-leading solutions for the production and processing of flat products, for welding systems and furnaces with its own burner solutions, as well as services for the metals processing industry.