



PRESS RELEASE

Metris Visual Die Protection: Intelligent camera technology from ANDRITZ Schuler protects press dies at Alzner Automotive

GRAZ, MAY 15, 2025. The automotive supplier Alzner Automotive repeatedly experienced damage to the dies in its presses during operation – for example, because a formed part has been left in the press instead of being transported onwards. Since the end of 2020, the Metris Visual Die Protection (VDP) monitoring system, which automatically detects potential sources of danger and stops the system immediately, has been in use on three ANDRITZ Schuler presses. The number of damages has been significantly reduced during this time.

“The additional control of the VDP system has enabled us to further improve our quality management,” says Hans Martin Tekeser, founder and owner of Alzner Automotive. “In addition, we have been able to reduce the risk of damage to our dies to virtually zero, which reduces our costs and increases productivity. The technology supplied by ANDRITZ Schuler never ceases to inspire us.”

The VDP system combines powerful camera hardware with intelligent monitoring software. Two cameras check the die after each stroke. If, for example, a part is crooked or a punching residue remains, the system sounds an alarm and stops the machine – a decisive advantage, especially in just-in-time production, which requires smooth processes and reliable deliveries.

Between 2013 and 2018, Alzner Automotive put two 400-ton hydraulic presses and five servo presses with a pressing force of 250 to 630 tons into operation – all supplied by Schuler. This enabled the company to significantly increase its production capacities and, not least thanks to the VDP system, is ideally positioned for large series.

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Hans Martin Tekeser, founder and owner of Alzner Automotive

PRESS RELEASE AND IMAGE AVAILABLE FOR DOWNLOAD

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

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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.