

PRESS RELEASE

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Environmental Impact: The Pomini Digital Texturing™ Sets the Standard for the Product Category Rules of Metal Finishing Machines

After the successful conclusion of the Life Cycle Assessment (LCA) analysis, Pomini Tenova's flagship technology reaches another important milestone.

Castellanza, July 13, 2022 – Tenova, leading developer and provider of sustainable solutions for the green transition of the metals industry, has taken a further step to reinforce its commitment to a more sustainable industry: **Pomini Tenova**, worldwide leader in the production of Roll Grinders and Fully Automated Roll Shops, defined the **Product Category Rules (PCR)** to standardize the **Life Cycle Assessment (LCA)** of metal finishing machines¹.

In 2021, the [Pomini Digital Texturing™](#) (PDT™) system – an innovative technology for roll texturing – [received the EPD® certification](#) (Environmental Product Declarations), as positive result of the auditing for its Life Cycle Assessment (LCA) analysis – the first study of this kind in the sector of metal finishing machines.

Subsequently, thanks to the experience gained through the LCA activity, the company led the **definition of the PCR** – the rules, requirements, and guidelines to develop a high-quality EPD for a specific product category, ensuring that functionally similar products are assessed and compared in the same way when conducting the LCA².

*“The PDT™ is a **disruptive technology** in terms of innovation and environmental sustainability, unique in our sector. Therefore, we wanted to substantiate its advantages through the most stringent analysis and certification of environmental impact. This approach was very much appreciated by the numerous customers who have chosen our technology, and we are now extending this experience to other products, focusing especially on the so-called **downstream phase** – i.e. measuring the impact deriving from the use of the machines over the years at customer's sites. This is in line with Tenova's approach to sustainability, aiming at designing a greener, more efficient future for the industry”,* affirmed **Paolo Gaboardi**, Tenova Executive Vice President.

The PCR for Product Category Classification UN CPC 44211 are published and available for consultation at this [link](#). The EPD compliant with the defined standard is accessible at this [link](#).

About Tenova

Tenova, a Techint Group company, is a worldwide partner for sustainable, innovative and reliable solutions in the metals and – also through the well-known TAKRAF and DELKOR brands – in the mining industries. Tenova leverages a workforce of over 2,200 forward-thinking professionals located in 19 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

For more information, visit www.tenova.com

¹ Machine-tools for working materials by removal of material, by laser or similar processes; product category classification: UN CPC 44211.

² For more information visit <https://www.environdec.com/product-category-rules-pcr/the-pcr>