MEDIA RELEASE

Osterwalder launches MPneo 480 multi-plate, fully electric powder press

- New MPneo 480 combines true multi-plate technology with full control of all press-active axes for consistent quality and near-net-shape production
- Available with integrated PRS (Part Removal System) automation, increasing productivity and operator comfort
- High-precision 480 kN powder press supports pressable granules and powders
- Launched less than one year after the acquisition by Tessenderlo Group to address customer demand for higher productivity and increased part complexity
- Osterwalder Technology AG to exhibit at WORLDPM 2026 in Canada (Booth 225)

LYSS, Switzerland, June 10, 2026

Osterwalder Technology AG today announced the launch of the MPneo 480, a high-precision, 480 kN multi-plate, fully electric powder press with up to six cross-pressing modules, designed for multi-material applications including hard metals, iron-based materials, technical ceramics, and advanced engineered materials, and available with integrated PRS (Part Removal System) automation to support the production of complex parts with consistent quality, high efficiency, and reduced environmental impact.

Full process control through true multi-plate technology

The MPneo 480 provides full process control, with all axes press-active throughout the compaction cycle. This enables true multi-plate production and maximum flexibility across part designs and materials.

By actively controlling every pressing axis, the machine supports complex geometries, multi-level parts, and density variations while maintaining stable quality and repeatability.

Integrated automation as a complete production system

The MPneo 480 is designed as more than a standalone press and functions as a complete, integrated production system. The fully electric press can be equipped with Osterwalder's PRS, creating a fully automated press cell that increases output, reduces manual intervention, and improves operational safety. Offline programming and simulation further reduce setup time and downtime by allowing jobs to be prepared outside the machine without interrupting ongoing production.

Intelligent solutions for shaping tomorrow's materials. Part of Tessenderlo Group.

Designed for efficient and sustainable production

The MPneo 480 supports more sustainable production by reducing material and energy consumption across the pressing process. Its near-net-shape capability and high precision help limit material waste, which is especially valuable for the efficient use of critical raw materials. The fully electric design reduces greenhouse gas emissions compared with hydraulic presses (eliminating the need for cooling water). Integrated monitoring further supports process stability and energy optimization. For customers, this results in more sustainable production over time and a lower cost per part.

Built for today's expectations

"Customers increasingly want to produce more complex parts, while maintaining high quality and productivity, without adding process complexity or increasing production costs," said Aaron Coone, Managing Director at Osterwalder Technology AG. "We developed the MPneo 480 to meet these needs, giving customers full control over the pressing process so they can produce complex parts efficiently and consistently, without longer setups or higher costs."

Meet us at WORLDPM 2026

Our teams will attend WORLDPM 2026, taking place from June 25 to 29, 2026, in Montreal, Canada. Visit us at booth 225 to discuss applications, automation concepts, and production requirements with our experts.

More information:
www.osterwalder.com/wp-content/uploads/2025/09/260312_OAG_FS_MP-Series.pdf.

About Osterwalder Technology AG

Osterwalder Technology AG is a Swiss engineering company headquartered in Lyss, Switzerland, and a company of Tessenderlo Group.

Osterwalder Technology AG designs and builds high-precision powder presses for industrial applications where dimensional accuracy and process stability are critical. Its presses are used to form complex components from pressed powders, including hard metals, iron-based materials, technical ceramics, and advanced engineered materials.

Founded in 1882, Osterwalder Technology AG employs around 100 people and operates subsidiaries in the United States, Japan, and China, providing local support to customers in the powder metallurgy and hard materials industries.

Through engineering excellence and close customer collaboration, Osterwalder Technology AG provides advanced pressing solutions that support reliable, efficient, and sustainable production in demanding industrial environments, guided by its purpose: "Intelligent solutions for shaping tomorrow's materials."

More information: www.osterwalder.com.

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Image © 2026 Osterwalder Technology AG – MPneo 480 multi-plate electric powder press.

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