



MPneo480

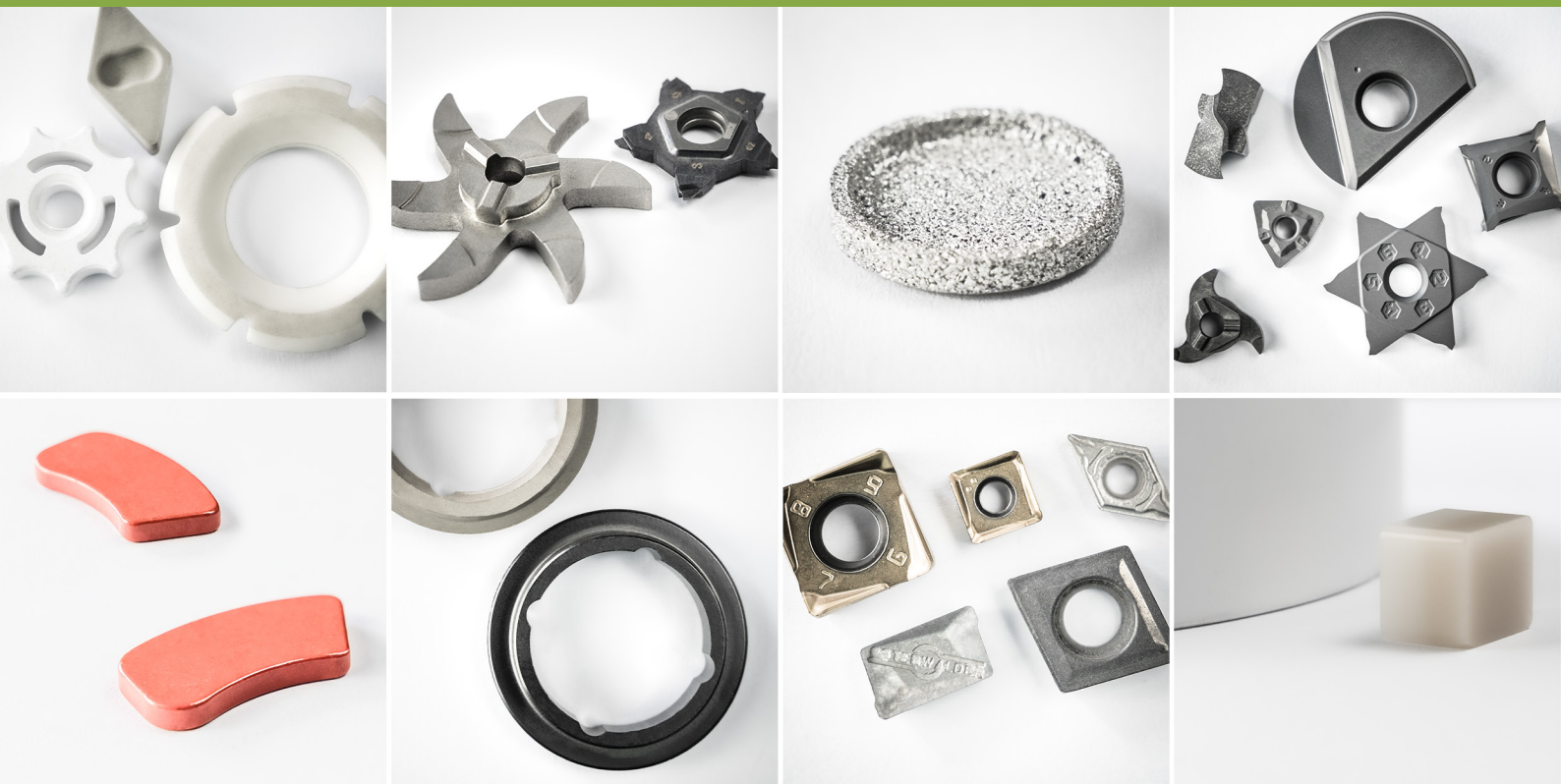
with an automation system

The MPneo 480 is the first member of the new MP series. All presses in this new series are also available as press cells with the Osterwalder PRS system.

- Multi-Plate Press with Core Rod
- Withdrawal Pressing Principle
- All Axes are Press-Active
- Large and Accessible Pressing Area
- No Pit or Podium Required
- No Water Cooling Needed
- Load Cells Available on all Main Press Axes
- Supports Up to 6 Cross-Pressing Modules
- Modular Design
- Broad Range of Standardized Options
- Intuitive user interface and offline programming

The powder presses of the MP series are compact servo-electrically driven presses. In addition to the 2 upper and the 2 lower axes the filling shoe is equipped with a servo-electric drive.

- **Accessories:** Different types of handling systems are available. In particular the MP Electric presses are fully integrated with the Osterwalder part removal system PRS
- The MP Electric presses feature **Osterwalder quality** and the well-known **positioning and repetition accuracies**.
- The MP series are characterized by Osterwalders' trusted quality and its well known **positioning and repetition accuracies**.
- **Compensation of elongation:** The press elongation is automatically compensated for via the measuring systems.



Properties

- Repetition accuracy ± 0.001 mm Upper and Lower axis + die
- Repetition accuracy filling shoe 0.1 mm at contour filling
- Load cell accuracy $<1\%$ of max. Force (320kN)
- Stroke rate up to 30/min depending on the filling height

Combining 140 years of Swiss heritage with forward-thinking innovation, Osterwalder Technology AG provides the technology to shape all advanced materials. From iron to high-performance polymers, technical ceramics, and hard metals, our solutions maximize quality and operational effectiveness, delivering the productivity required to bring tomorrow's materials to life.

Axis	Force (kN)	Stroke (mm)
Upper Axis		
U1 Upper Axis 1	320	300
U2 Upper Axis 2	160	300
Upper Axis		
B1 Die	160	200
Upper Axis		
L1 Lower Axis 1	480	Stationary
L2 Lower Axis 2	160	100
Upper Axis		
N1 Core Rod	40	200

Illustrations in this document may feature optional equipment or deviations and products are subject to continuous technical modifications and thus are without obligation.



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