

## Gentle Surface Finishing of Metal Components

**At the AMB 2024 exhibition Walther Trowal displays its equipment to demonstrate the versatility of the mass finishing technology for finishing the surface of high-value components. The company also displays a Rotamat system for eco-friendly coating of mass-produced small parts with PFAS-free lacquers.**

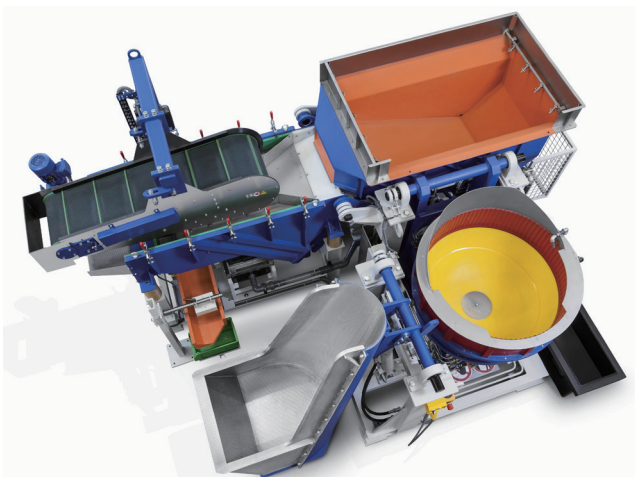
For grinding, deburring and edge radiusing of metal components Walther Trowal displays a centrifugal disk finishing machine, type TT---A/2C. Due to the fact that it practically eliminates non-productive idle machine times, this finishing system offers a particularly high productivity with a high work piece throughput and requires a surprisingly small footprint. The so-called "double batch" principle allows processing -- like deburring, edge radiusing or surface smoothing -- of one work piece batch, while a second batch is passing through the separation system. The company also presents its CB rotary vibrators, which can be easily integrated into interlinked manufacturing operations. Optional technical characteristics like the work piece infeed chute on the outside of the processing channel and the

gate clearing feature greatly facilitate the integration of these machines into automated production processes.

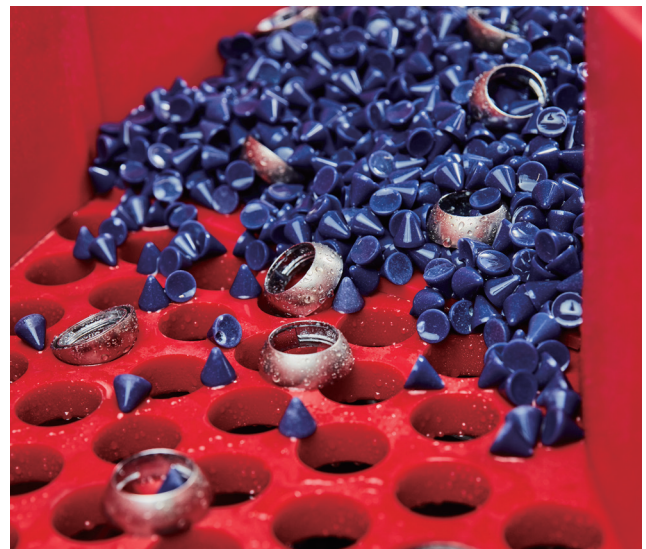
Walther Trowal also displays the Rotamat R 60 system for decorative or functional coating of mass-produced small metal parts. This innovative machine allows the use of eco-friendly PFAS-free lacquers, which are increasingly employed by the customers. Numerous functional coating materials still contain hazardous materials like polytetrafluorethylene (PTFE) and solvents, which, for environmental reasons, must be replaced by less dangerous substances. Even though their use is not yet prohibited, the pressure to eliminate these hazardous materials is increasing. With its redesigned Rotamat system Walther Trowal now offers manufacturers of metal parts and coating job shops a system that allows the quick and problem-free transformation to PFAS-free lacquers.



**A production line with rotary vibrators, model CB 300**



**A Turbotron (TT) centrifugal disk finishing system in double batch version**



**At the exit of their processing channel rotary vibrators are equipped with an integrated separation screen that allows the separation of the finished work pieces from the processing media**



**The new Rotamat R 100 coater can handle work pieces with a diameter of up to 300 mm**

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