



# Walther Trowal: New Rotamat System for Coating Sealing Components for E-vehicles

Walther Trowal GmbH & Co. KG will launch its new Rotamat R 100 system at the PaintExpo exhibition (hall 2, stand 2310).

At the PaintExpo Walther Trowal introduces its new Rotamat R 100 system for coating elastomer sealing components with anti-friction and decorative lacquers. The new coater can handle work piece batches, which are three times bigger than the batches processed in its largest predecessor model. One reason for developing this new machine was that numerous customer coating companies requested a system that can handle large batches of big, flat sealing components.

An important application for the Rotamat systems is the coating of O-rings and flat gaskets, for example, for sealing individual cells in battery packs, but also in fuel cells, engines, and transmissions. At numerous job shop companies the demand for coating of large volumes of big sealing components, used in cooling systems and control panels for electric vehicles, has rapidly grown. This created the need for higher-capacity coating systems. The new Rotamat R 100 is in full compliance with such demands: It

has a capacity of 160 liters, respectively 100 kg. In one single batch it can handle about 300 sealing rings with diameters of up to 350 mm or batches of up to 50,000 O-rings. Compared to its predecessor model R 85, the new Walther machine can handle batch sizes that are three times bigger. Of course, the cycle times have remained the same, and the space and energy requirements have only increased marginally.

Frank Siegel, sales manager for coating technology at Walther Trowal explains: "Until now our customers used the Rotamat systems mainly for coating of O-rings. But with increased sales of electrical vehicles the demand for big elastomer sealing components with a large surface area, used for battery cells, cooling systems for heat exchangers, etc. will rapidly grow".

The new Rotamat system is also suitable for decorative coating of plastic components made, for example, from ABS or polyethylene. In addition, for thin-wall metal rings with diameters of up to 300 mm. The latter are used as oil seals for shafts and must be coated with a bonding agent, before elastomer material can be applied. Moreover, the company has expanded the application range for the Rotamat systems, now allowing the coating of sealing components with, for example, different types of oil and wax, as well as slow-drying lacquers.

For further information:  
[www.walther-trowal.com](http://www.walther-trowal.com)

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