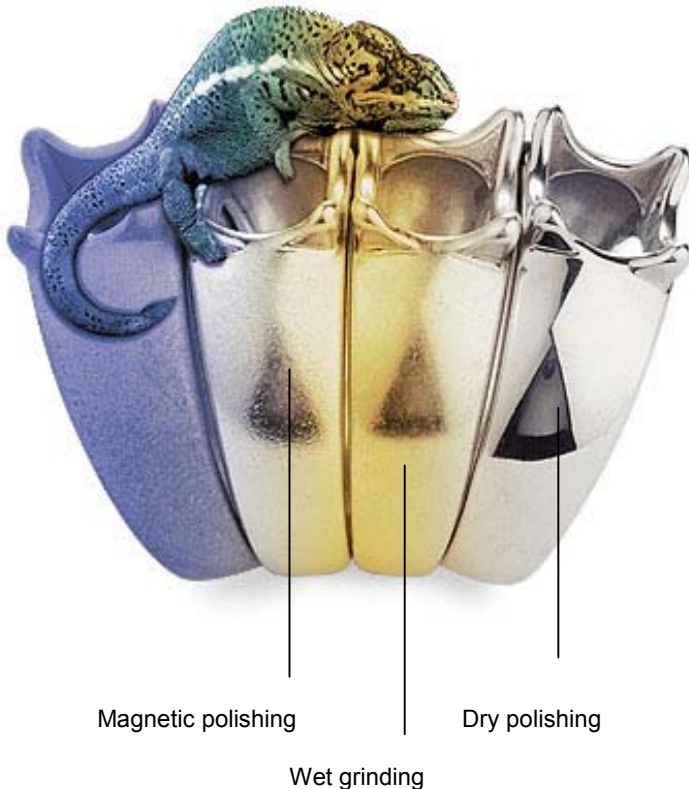


# Otec Präzisionsfinish GmbH, Straubenhardt



## Know-how is profitable

The ECO-Maxi owes its excellent cost-effectiveness primarily to the modular design of the machine. Because the base unit is separate from the various processing containers the user can quickly change between the various containers or between several batches. This means that the system can always be adapted to the different processing stages required when manufacturing jewelry, thus achieving the maximum exploitation of capacity not possible when single-process machines are used. Otec's miracle polisher and grinder is also available in versions for only one of the three processes. But even here Otec can promise an excellent return on investment, because the sophisticated design enables costs to be saved during the production of the machine. These savings are, of course, reflected in a considerable price advantage when compared with conventional machines.

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## Innovative Moneyspinner

"Unique and easy to adapt" is how Otec see their new ECO-Maxi miracle grinder and polisher. This innovative machine concept shown in Basel is the first of its kind in the world and also the first to combine up to three surface treatment processes in a single machine. Now even small jewelry manufacturers and goldsmiths can enjoy the benefits of industrial processing technology.

### Efficient and economical production

The use of labor-saving and cost-effective processing technology for the surface treatment of jewelry has been the exclusive domain of large industrial manufacturers. The high capital investment required made it economically prohibitive for smaller companies to benefit from the technical sophistication of machines designed for single processes.

By introducing the modular design concept of the ECO-Maxi, Otec have now succeeded in enabling even small jewelry manufacturers and goldsmiths to fully exploit the advantages of automatic surface treatment and to avoid the high costs of tiresome and time-consuming manual finishing. Otec have calculated that manufacturing costs can be reduced by up to 60 % with a minimum of initial outlay.

### Excellent results

Each of the three techniques contributes to the success of the manufacturing process by providing perfect results without tiresome manual finishing. Magnetic polishing can be used to remove oxide discoloration and rest of investment powder, as well as giving gloss to inaccessible areas such as undercuts, recesses and slots. Wet grinding enables casting skin and surface scratches to be completely eliminated, giving clean and bright surfaces to the workpiece. Dry polishing gives jewelry a brilliant shine comparable to that achieved by hand polishing.

