

Overview of the different machine models:

EPAG MACHINES	EPAG 60	EPAG 120	EPAG 200
Dimensions (w x d x h) mm	600x850x1850	1870x1000x1910	1870x1000x1910
Power supply	400V/16A/50-60Hz	400V/16A/50-60Hz	400V/16A/50-60Hz
Rectifier	30A DC/15V	30A DC/30V	60A DC/30V
Bath volume	60 l	120 l	200 l
Working volume	50 l	90 l	180 l
Capacity	48 rings (rings weighing more than 4 grams) 96 rings (rings weighing less than 4 grams) - with 2 items on each holder	72 rings (rings weighing more than 4 grams) 144 rings (rings weighing less than 4 grams) - with 2 items on each holder	120 rings (rings weighing more than 4 grams) 240 rings (rings weighing less than 4 grams) - with 2 items on each holder



Perfect surfaces. Worldwide.
Perfect surfaces. Worldwide.

EPAG

Cost-effective jewellery finishing



OTHER MACHINES

► OTEC CF SERIES:
Fore medium-sized and large-scale jewellery production



► ECO Maxi
The low-cost solution for small productions runs



OTEC Präzisionsfinish GmbH | Dieselstraße 8-12 | 75334 Straubenhardt-Feldrennach | Germany
Phone + 49 (0) 7082 491120 | Fax +49 (0) 7082 491129 | e-mail: info@otec.de | www.otec-online.com

JEWELLERY INDUSTRY

EPAG



The faster route to brilliant jewellery:

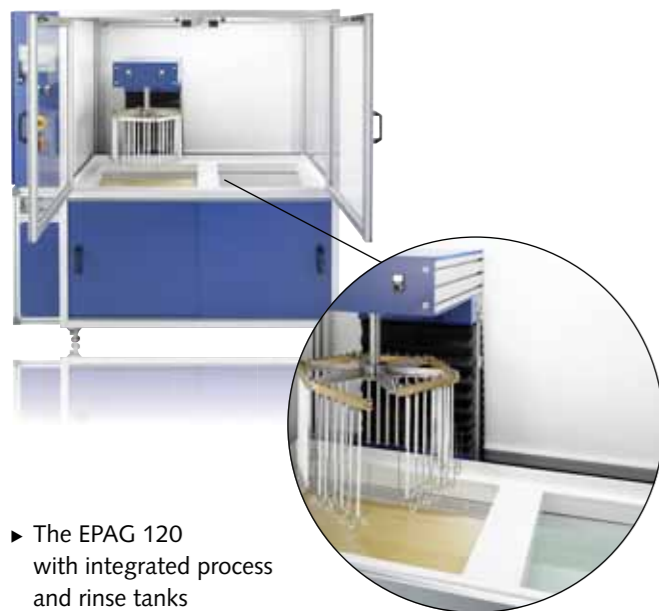
Speed and the quality of the polished surface are the two main criteria in jewellery finishing. With the EPAG electropolishing unit, OTEC has developed a completely new machine which sets new standards for the market. Polishing is carried out electrolytically, i.e. without the physical removal of material. The main areas of application for the EPAG lie in cleaning castings, polishing ground or tarnished parts and polishing rings without rounding the prongs. The EPAG delivers an extremely pure surface which can easily be coated.

From both a technical and commercial point of view, the EPAG is superior to all comparable machines currently on the market because it

- ▶ features more automated processes
- ▶ entails considerably lower process costs than comparable machines
- ▶ reduces the number of processing stages, thus saving time and money



THE DETAILS



- ▶ The EPAG 120 with integrated process and rinse tanks

The most important component of any electropolishing system is the process solution which controls the removal of material. OTEC has developed its own liquid which offers distinct advantages:

Long life

The solution can be replenished several times and therefore has a life of approx. 1,000 operating hours before it has to be replaced.

Ready to use

The solution does not need to be mixed by the user. It is already optimized and can be put to use immediately.

Integrated rinse tank

For greater added value, it is important to recover from the electrolyte bath all precious metals, such as silver, released during cleaning or polishing. The rinse tank integrated into the EPAG 120 and EPAG 200 ensures that this is achieved right up to the final phase of processing.



Cost-effectiveness made by OTEC

1ct per workpiece

The EPAG features the lowest processing cost of all machines on the market whilst at the same time delivering outstanding results. This is because the EPAG was developed with a focus on obtaining the most economical process right down to the last detail (long-life solution, high recycling rate, high degree of automation etc.).

Range of applications

The main areas of application for the EPAG lie in cleaning castings, polishing ground or tarnished parts and polishing setting prongs without rounding them. The EPAG delivers extremely pure surfaces which are easy to coat.

High speed through sophisticated technology

Thirty to forty minutes instead of the six hours previously needed. This makes the EPAG faster and more economical than all comparable systems on the market.

Optimized workpiece holder:

The standard workpiece holder can take up to 72 workpieces at a time. A quick-release system makes it an easy matter to remove the workpiece rack and load the next batch of jewellery.

Quality from the market leader

In spite of the brilliant results obtained, the process does not round the edges or corners of jewellery. Intricate items with a complex design remain just as they were intended to be – but even more exquisite.