

## **The ECO Series from OTEC: At last an affordable process for fast CNC finishing**

Until now many companies in the CNC machining industry either had to finish off their workpieces by hand or outsource the deburring operation to other firms. As a rule the capital investment costs for automated finishing in-house were prohibitive. In addition to the cost of the polishing machine there was the expense of waste water treatment and drainage.

### **Deburring in minutes, not hours**

OTEC Präzisionsfinish GmbH has now introduced in the form of the compact ECO-Maxi and ECO 18 disc-finishing machines an exceptionally economical processing system. Both machines are perfectly suited to deburring and finishing turned, milled and stamped parts. A distinct advantage is the amazing reduction of processing times by up to 90%. Whereas a processing time of 3 - 4 hours has to be allowed for with drum or vibratory machines in the same price range, between 1 and 20 minutes are usually enough to produce a perfect finish for CNC parts with the ECO machines.

For most users the fact that ECO Maxi and ECO 18 require neither a water connection nor separate drainage will probably be equally important features.



Both machines work not with the water/compound mixture normally used but with the same water/oil emulsion as the CNC machines themselves. Because they are independent of connections and compact in size, these OTEC machines can be set up anywhere on the shop floor.

The ECO Maxi has a container volume of 6 litres. By simply changing the containers it can also be used for dry or magnetic polishing (for example for removing the flash from plastic parts). Since the ECO Maxi was designed by OTEC specifically for large scale production, not only can the machine itself be offered at an unbeatable price, but also wear parts such as polishing containers are available at a fraction of the usual prices.

The ECO 18 with a container volume of 18 litres has been designed along the lines of the next largest OTEC series and is also available in a version with two processing containers (ECO 2x18).

At prices ranging from approx. EUR 2,100, the ECO series pays for itself in a very short time in any manufacturing company – both through the time saved and through the increase in flexibility.

**More information from [www.otec-online.com](http://www.otec-online.com)**

OTEC Präzisionsfinish GmbH supplies a comprehensive program of disc-finishing machines specially designed for the surface treatment of small and very small parts. The patented no-gap system from OTEC (gap size between disc and container 0 – 0.5 mm enables the finest grinding media to be used and means that the finest parts can be processed without difficulty.)

For finishing larger and heavier parts OTEC offers a wide range of drag-finishing machines.

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