

ECO-Finishing



Deburring · Grinding
Smoothing · Polishing



Reduce processing time by up to 90 % in comparison with similiary priced tumblers

Deburring and wet grinding: fast, economical and space saving

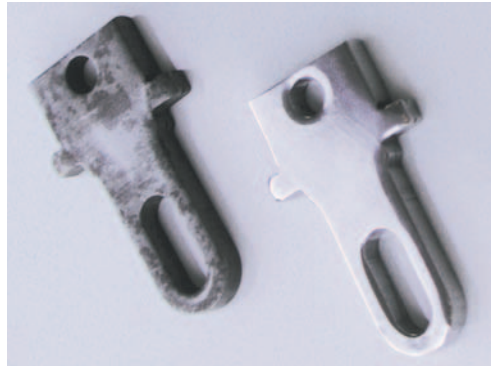
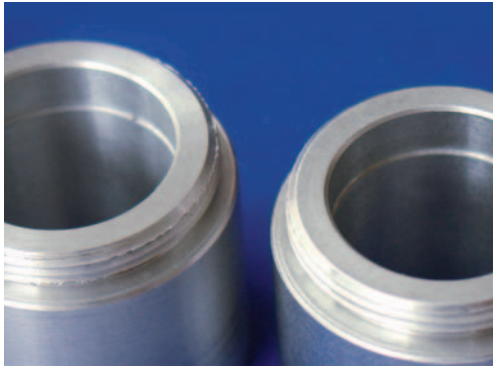
- The smarter, faster, more flexible way to obtain perfect surfaces
- Ideal for fast deburring, e.g. after CNC processing (only 20 min or less)
- Can work with the same oil/water emulsion as your CNC-machines, so no additional waste water treatment system is required

... the perfect complement
to your manufacturing process.



ECO-Maxi and ECO 18

The smarter, faster, more flexible way to obtain perfect surfaces



ECO-Maxi and ECO 18: a completely new concept.

Built on the same principle as our proven disc-finishing machines, these machines are full of innovative ideas. They are designed to provide a broad range of users from the manufacturing industry with fast, versatile and affordable tools for surface finishing.

ECO-Maxi and ECO 18: economical in price and to maintain.

In response to the huge market potential we have designed the ECO-Maxi and the ECO 18 for large series production. This enables us to offer you the machine in a price range of common tumblers. The wear parts of these machines are only a fraction of the cost of competitive machines.

ECO-Maxi and ECO 18: perfect for deburring, rounding edges, grinding, wet grinding.

Fast and easy to use.

ECO-Maxi and ECO 18: next to your CNC machine.

Have you been deburring your CNC workpieces by hand or having them finished out of house? This is understandable in regard to the costs of connecting the water supply, installing drainage, etc.

The ECO-Maxi and the ECO 18 not only work with the water/compound mixture normally used, but also with the same oil/water emulsion as your CNC machines. So they neither need a separate drainage system nor a water connection, and can be set up just about anywhere.

ECO-Maxi and ECO 18: enable you to reduce processing time by up to 90%.

Whereas you have to allow for an average processing time of 3 – 4 hours with tumblers or vibratory machines, 20 minutes is usually enough with the ECO-Maxi and the ECO 18!

Equipment ECO-Maxi

Machine for wet grinding

- Process container (6 l): especially wear-resistant due to hot casted polyurethane
- Timer
- Dosing pump with oil/water reservoir
- Speed control via frequency converter

Additional equipment:

- manual screening device
- trolley with 3 media storage containers

Equipment ECO 18

Machine for wet grinding

- Process container (18 l): especially wear-resistant due to hot cast polyurethane
- Timer
- Submerged pump including float switch
- Speed control via frequency converter

- 80 liter container for water compound mixture

Additional equipment:

- manual screening device
- trolley with 3 media storage containers

Technical Data

	Container Volume [l]	Width x Depth x Height [mm]	Weight [kg]	Power consumption [kVA / V]	Cycles [Hz]
ECO-Maxi	6	380 x 300 x 500	approx. 25	0,8 / 230	50/60
ECO 18	18	640 x 715 x 720	approx. 60	1,1 / 230	50/60

More from OTEC

Drag-finishing machine DF-I



Disc-finishing machine CF-I



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