

OTEC CF-SERIES FULLY AUTOMATED FINISHING OF BULK GOODS IN LARGE BATCHES



DISC FINISHING MACHINES WITH SEPARATION AND MEDIA RETURN

The CF Automated Solution can process large batches of bulk goods fully automatically, ten times faster than vibration systems. With an extended sieving section, it makes light work of even the most complex separation tasks. An innovative automatic media return system allows unmanned operation and automatically tops up media levels as required. Several machines can be interlinked for multi-step processes.

Sectors

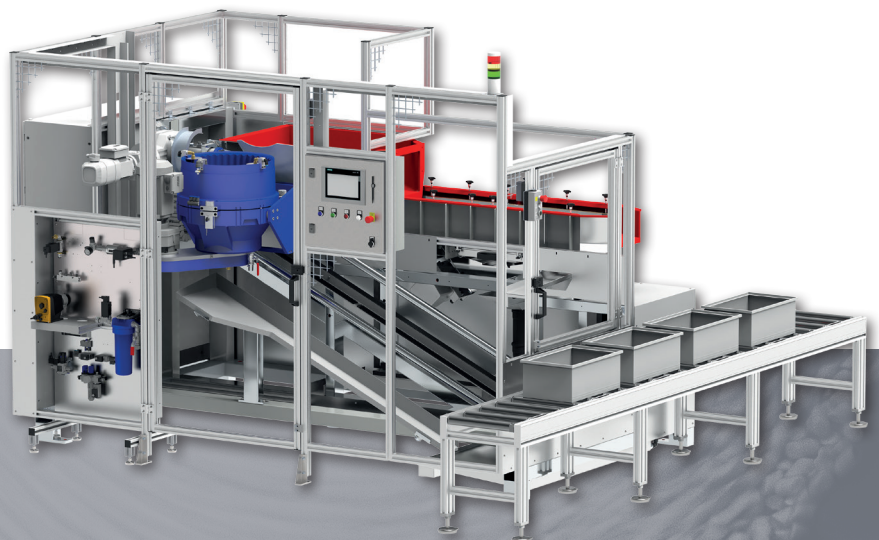
General cutting, stamped and formed parts, injection moulding, jewellery, medical devices

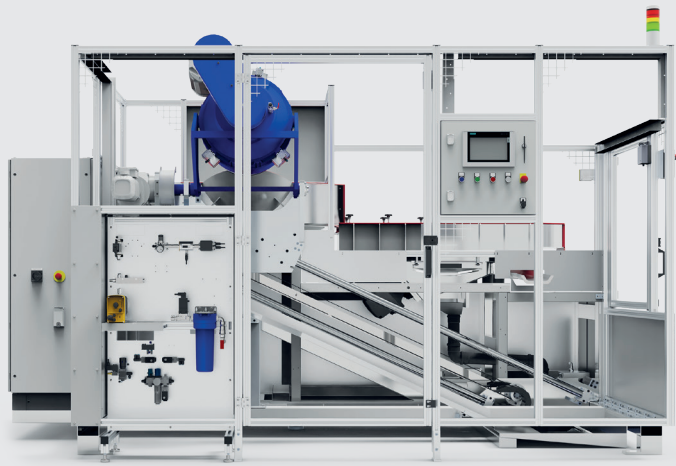
Highlights

- Innovative system reduces media carryover by returning media and parts in containers
- Equipped for automation: workpiece supply and removal can be fully automated
- Highly flexible modular machine design
- Numerous additional features for customisable process solutions
- Processing container with tilt angle up to 170°

Properties

- Container volume 1 x 50 litres or 2 x 50 litres
- Long sieving section with cascading stage or magnetic separation
- Gentle emptying and separation due to low drop height and bunker system
- Automatic handling of loading/unloading trays (optional)
- Automatic media top-up (optional)
- Interlinked operation with other systems (mass finishing, drying etc.)
- OPC UA connection to company network





Technical features

Equipment

- 1 or 2 process containers each with a total volume of 50 litres
- Rustproof aluminium process containers
- Sturdy, modular machine frame
- Exchangeable sieve variants for piece goods in a wide variety of shapes
- Proven OTEC gap technology:
 - Ceramic ring in gap for long service life
 - Variants: wet, dry, zero-gap system (no clamping of very thin workpieces)

Operation

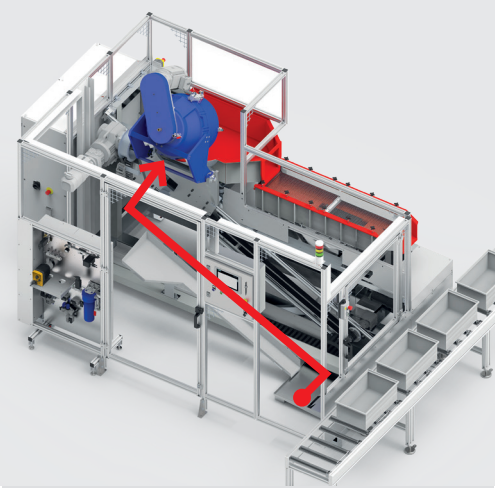
- Easy loading/unloading at an ergonomic height, with optional fully automated tray handling
- Machine operation via HMI, up to 5,000 processing programs
- Touch display for intuitive control
- Can be connected to company network via OPC UA

Try our OTEC Finishing Centre. We can develop custom solutions to suit your specific requirements.



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Automated solutions for media conveyance and container handling

- After separation, linear guides automatically return the process containers containing the separated media
- Optional fully automatic media top-up when levels drop
- Optional automated loading/unloading of piece goods trays



As a trusted global partner for perfect surfaces, OTEC builds innovative finishing machines which set high standards and achieve perfect process reliability. Revolutionising manual processing applications results in precise and consistent quality in the shortest possible process time.

Smooth surfaces every time, defined rounding results, the removal of burrs and a perfect sheen are decisive competitive advantages in almost all industrial sectors. In particular that means saving energy as well as extending the service life and increasing the durability of parts.

OTEC machines with the "Made in Germany" seal of quality stand for dependable technology, high-quality workmanship, reliable operation and a long service life.



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