

Rösler High-Performance Rotary vibrator R 150 DL-2

**Finishing of geometrically complex and
delicate work pieces**



The customer benefits:

Process reliable finishing

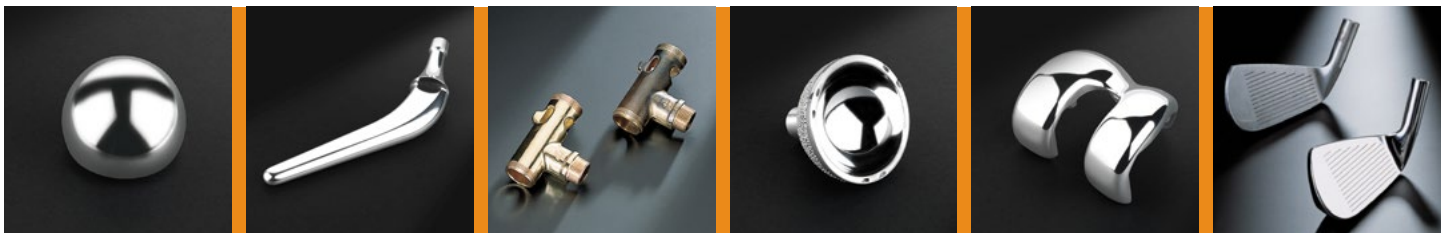
Reproducible surface appearance

Rotary vibrator R 150 DL-2

Amazingly short processing times compared to standard rotary vibrators

Because of the risk of nicking or scratching delicate, high value work pieces must frequently not touch each other during the finishing process. Mounting single, large work pieces (diameter of up to 600 mm) or multiple, smaller work pieces onto a fixture firmly connected to the processing bowl significantly enhances the finishing effect: The relative movement between media and work pieces is much more intensive compared to the work pieces loosely moving in the media mass.

Possible applications are: Tools, molds, turbine components, housings, e.g. pump housings, endoprosthetic implants and other components with complex shapes. Generally, the details of the machine design will have to be adapted to the individual application. Why making costly experiments, if you can rely on the knowhow of our process engineers?



This compact vibratory machine is ideal for deburring, edge radiusing, surface smoothing and even high-gloss polishing. Surface roughness readings of Rz 0.1 – 0.15 µm can be easily achieved.

Outstanding features of the R 150 DL-2 are the even metal removal rate on all surface areas, easy operation and quick and absolutely repeatable finishing results. For example, orthopedic implants or other high value parts are polished to a mirror image finish in just a few hours. *)

Technical data:

- Processing bowl: Internal diameter: 700 mm
Internal height: approx. 500 mm
- High-quality polyurethane-elastomer Rösler HD 90 wear lining
- Media removal plug with tool-free clamping device
- Pneumatically operated device for loading and unloading of the work pieces

Vibratory drive:

- 2 special high speed, heavy-duty vibratory foot motors (3000 rpm)
- Motors can be tilted in two positions
- Continuous speed adjustment by frequency inverter
- Selector switch for right/left rotation

Easy to operate control panel with process timer and precise compound & water dosing unit with two compound pumps (cleaning and polishing compound)



*) the processing times depend on the initial surface conditions of the work pieces

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