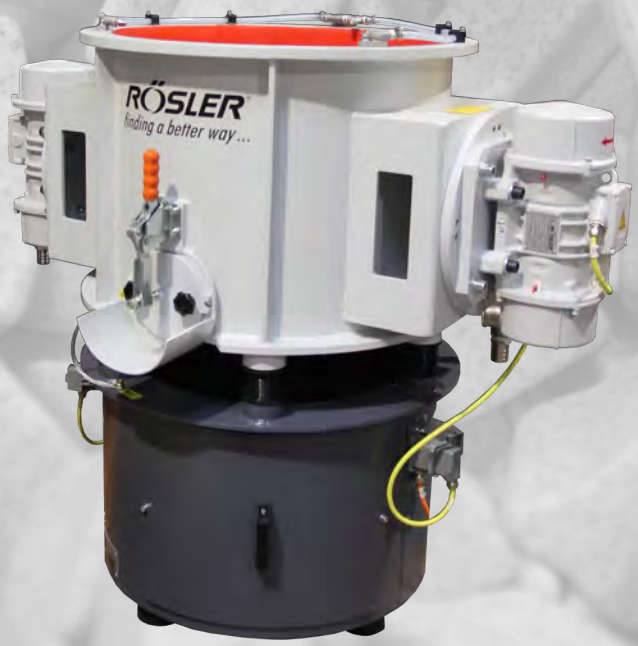
Medical Finish

R 150 DL-2

The surface solution for orthopedic implants



The customer benefits:

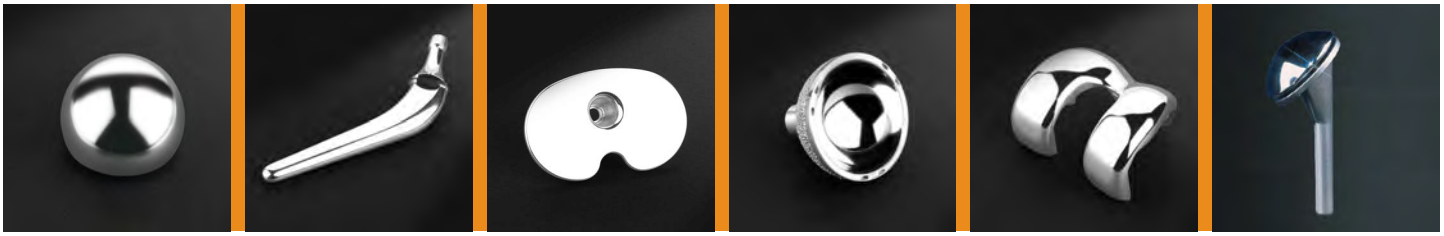
Reliable finishing process

Constant perfect surface appearance

R 150 DL-2

Shorter processing times compared to standard rotary vibrators

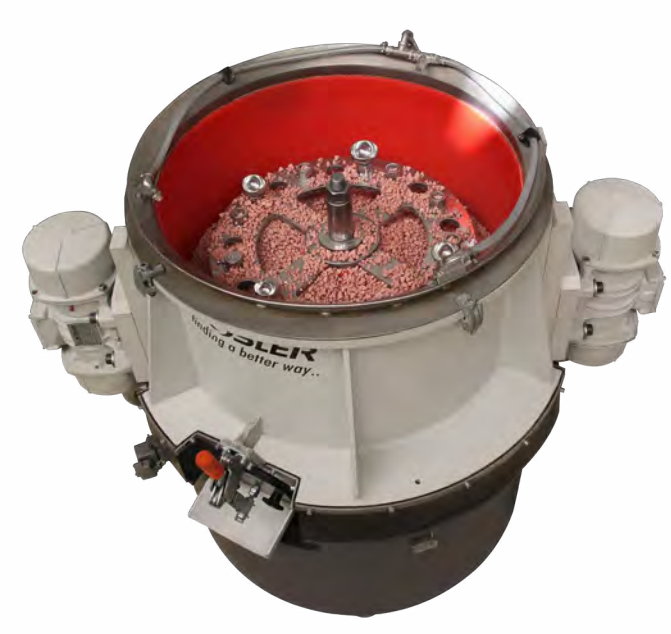
High-quality arthroplasty parts are mainly required to not touch each other during processing. By mounting several work parts onto a fixture, they will be firmly connected to the processing bowl. The relative movement between media and work pieces is much more intensive compared to the work pieces moving loosely in the media mass. Complex inner areas of the parts can be reached.
Possible applications are: hip stems, hip femoral heads, acetabular cups, knee joints (femur & tibia), shoulder joints, ankle joints and many more. Because of the various application possibilities, the machine will be specified according to the intended use.
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



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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