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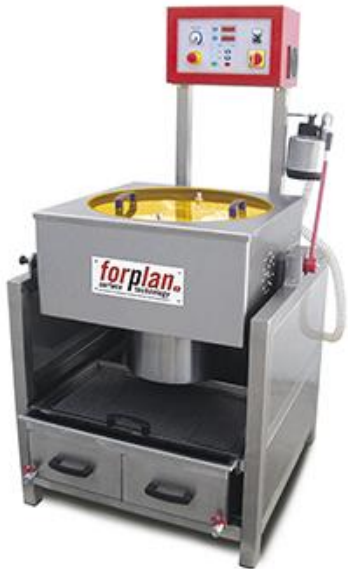
Deburring systems with magnetic technology

Tasks

Magnetic vibratory finishing systems offer interesting opportunities in the field of internal deburring as well as when processing delicate parts. In addition, tiny parts can be finely deburred with minimal material removal over very short processing times.
Only parts that cannot be magnetised can be processed, such as, in particular, materials like titanium, brass or stainless steel.

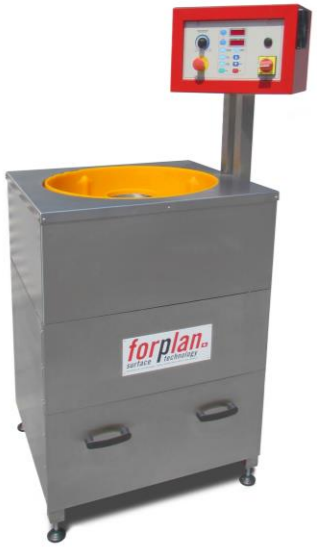


Principle of operation

Through the power of permanent magnets rotating on a plate, special magnetisable stainless steel pins are set in motion. The effect on workpieces is similar to that exerted by a sandblasting or brushing process. With various additives for deburring or brightening, workpieces are very gently and evenly processed.

Advantages

- Highly efficient
- Processing of hard-to-reach spots (inner spaces)
- Low water consumption
- Processing of parts in small containers or in a big pot
- Extremely reduced removal and minimal edge rounding
- Surfaces with a sand-blasted
- Extremely fast part brightening
- Low risk of damage



Examples of use

- Watch industry
- Micromechanics
- Décolletage
- Dental and medical technology
- Automotive industry
- Electronics
- Plastics industry

Range of components

- Watch plates
- Shafts with inner spaces and bores
- Technically complicated parts
- Stamped parts
- Jewels
- Highly ornate parts

Technical details about deburring systems with magnetic technology

Model		1500	3000
Pot Ø	mm	390	616
Width	mm	530	840
Length	mm	670	850
Height	mm	1442	1610
Weight	kg	78	220
Content	kg	1	2.3
Motor power	kW	0.89	1.5
Tension	V	230	230