

Vibrators

Tasks

Finishing vibrators are used to deburr, round, brighten and smooth workpieces.

From small clockwork or turned parts to big and heavy milled parts, small as well as large series can be uniformly and simultaneously processed.

Principle of operation

Thanks to moulded spherical polyurethane pots, excellent sliding properties can be obtained, resulting in uniformly processed surfaces.

Through infinitely adjustable vibrations and uniform flow movements, parts are circulated very carefully, thereby preventing any damage.

The materials of the parts to be processed virtually include all common and precious metals, as well as various plastics and ceramics.

Advantages

- Wide range of processing
- Large quantities
- Gentle processing
- Partially integrated separation of parts and abrasives
- Different volume capacities available
- Low maintenance costs

Examples of use

- Deburring of turned and decolletage parts
- Deburring and rounding of milled parts
- Deburring and smoothing of implants or surgical instruments
- Ceramic industry
- Deburring and pre-polishing of watch cases or bracelets
- Deburring and pre-polishing of gold, platinum and nickel silver jewellery

Range of components

- Milled parts of all kinds
- Turned parts
- Watch industry parts
- Ceramic parts
- Plastic parts
- Medical industry parts



Technical details about vibrators

Finishing vibrators 3D model FP

Model		7lt	11lt	16lt	32lt	50lt	105lt
Pot Ø	mm	294	320	368	512	488	810
Pot width inside	mm	114	124	134	185	220	262
Width	mm	500	680	680	800	800	1000
Length	mm	880	880	880	1050	1050	1100
Height	mm	1550	1550	1550	1550	1550	160
Content	kg	17	20	25	35	50	100
Motor power	kW	1.5	1.75	1.75	1.87	3	3
Weight	kg	123	245	250	285	300	195
Tension	V	230	230	230	230	230	400



Circular vibrators can be automated

Model		220lt	330lt	550lt	720lt	920lt
Pot Ø	mm	980	1180	1380	1580	1680
Pot width inside	mm	255	330	380	445	500
Length / Width	mm	1066	1286	1486	1658	1808
Height	mm	1000	1110	1215	1310	1385
Content	kg	120	210	350	570	720
Motor power	kW	1.1	2.016	4	5	6



Triangular vibrator 10 litres

Model		VV	FP
Pot Ø	mm	350	350
Pot width inside	mm	117	117
Width	mm	493	680
Length	mm	493	880
Height	mm	1550	1550
Content	kg	40	40
Motor power	kW	1.5	1.5
Weight	kg	123	160
Tension	V	230	230



Rectangular vibrators

Model		16lt	18lt	21lt	84lt
Pot Length	mm	440	550	500	1050
Pot Width	mm	170	150	195	300
Pot Height	mm	225	250	235	300
Length	mm	930	1027	922	1490
Height	mm	972	972	972	960
Width	mm	600	631	631	960
Content	kg	50	50	65	250
Motor power	kW	0.42	0.62	0.96	1.5
Weight	kg	200	230	250	390

