Forplan AG
Bernstrasse 18
CH-2555 Brügg
Phone +41 32 366 77 78
Fax +41 32 366 77 79
info@forplan.ch
www.forplan.ch

Planetary vibratory finishing system *ergospin+*

Tasks

Planetary vibratory finishing systems are used for tiny as well as very delicate parts when the highest demands are placed on the surface. They are ideal for a wide variety of materials such as stainless steel, gold, brass and plastics. In planetary vibratory finishing systems, parts can be polished, deburred, smoothed and rounded. Forplan 3D planetary vibratory finisher is unique in the world!

Principle of operation

With *ergospin+* it is possible to control the transmission ratios between the main axis and the outer axis completely free. This in relation to the rotating speed as well as to the rotation direction.
In addition the whole planetary system is attached on a horizontal axis which can be pivoted for about 220°. This pivot axis is driven so dynamically that the axis movement can be used as an adjusting axis as well as a rocking process. The process design on the *ergospin+* surpasses the conventional vibration finishing systems by a multiple. As a result a significant improvement of the polishing quality is achieved.

Advantages

- Great flexibility
- Ergonimcally designed
- Processing with wet and dry media
- Maximum surface quality with minimal edge rounding
- Different container sizes for different part ranges
- Freely programmable control system with touch screen
- Extremely smooth running
- Minimal damage to parts

Examples of use

- Micromechanics
- Watch industry
- Décolletage
- Dental industry
- Medical technology

Range of components

- Implants
- Watch clasps
- Micro gear wheels
- Finely stamped parts
- Décolletage parts
- Watch numerals
- Ceramic parts

Technical details

Model		***ergospin+* 1-6lt**
L x W x H	mm	1650x1550x1320
Rotation	rpm	1 - 150
Motor power	kW	12
Weight	kg	1125
Tension	V	400