

Assembly line for spice mills

The customer requirements

- Assembly of five parts made of plastic and ceramics
- 3,000 parts/h
- 6 variants
- Fast changeover when changing variants
- Can be extended to additional variants
- Robust machine design for continuous operation 24/7
- Easy cleaning

The **LAS** solution

Cam-controlled assembly machine **ratioCELL** with indexing table

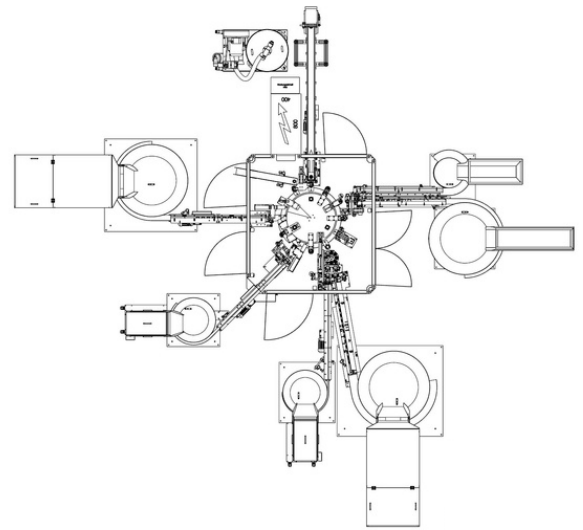
- 50-60 cycles/minute (3,000-3,600 parts/h)
- Good accessibility
- Simple operating concept
- Interchangeable kits for variants
- Further product variants are provided for in the design
- Feeding technology with quick emptying for easy change of variants





Assembly sequence

- Feeding, insertion and inspection of the lower parts
- Feeding of the core, insertion into lower part, inspection
- Feeding of the disk and grinder
- Pre-assembly: Radial aligning of the grinding mechanism, pressing into the disk and inspection
- Insertion of the grinder/disk assembly into the lower part/core assembly and inspection
- Feeding, mounting and inspection of the upper part
- Output IO parts, NIO parts and QA parts



Film



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