CASE HISTORY Air Spring Valves (Ventless Molds)
On Mikron Multistar CX-24

Downsize your production costs!

UNBEATABLE PRECISE PERFORMANCE AND SPEED
The Multistar CX-24 controls spindle movements with linear curves. The quickly interchangeable control curves provide processing flexibility, and 24 additional intermediate stations enable measuring, flipping over of the workpiece - also in different shape, monitoring and cleaning procedures in the processing cycle.

Mikron Switzerland AG, Agno - Division Machining
Headquarter, Via Ginnasio 17, CH-6982 Agno, Switzerland
Phone +41 91 610 61 11, mag@mikron.com

www.youtube.com/mikrongroup
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### The challenge
- 30 million parts per year
- 2 pieces made in steel, with turning, drilling & milling operations
- Production of male & female component simultaneously on the same machine
- Tolerances: ± 10µm on diameters
- Raw material supply from wire coil (instead from bar-stock)

### The traditional solution
- Production area: **136.2 m²**
- Required machines: **16**
- Employees: **3.2 + 3.2 + 3.2**
- Cost/part
- Raw material from bar-stock

### Mikron: The innovative solution
- Production area: **38.64 m²**
- Required machines: **1 Mikron Multistar CX-24**
- Employees: **0.5 + 0.5 + 0.5**
- Cost/part
- Raw material from wire coil

### Your advantage
- Production area: **-71%**
- Machines: **-94%**
- Employees: **-85%**
- Cost/part: **-45%**