

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.

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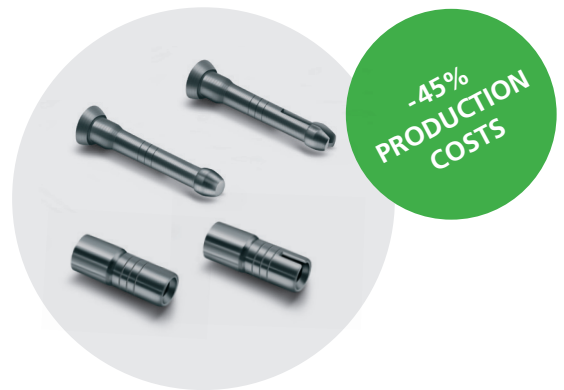
www.youtube.com/mikrongroup
www.mikron.com



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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: $\pm 10\mu\text{m}$ 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**

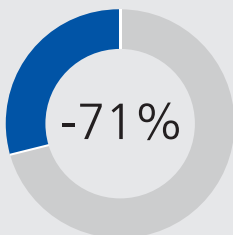


Cost/part

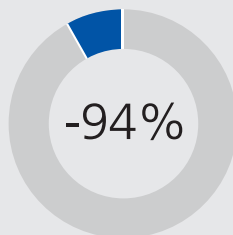


Raw material from wire coil

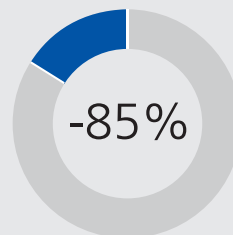
Your advantage



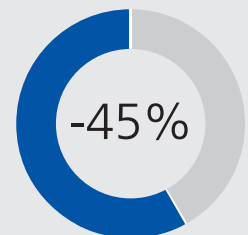
Production area



Machines



Employees



Cost/part