

# Mikron Multistar

The fastest transfer machine in the world

## CASE HISTORY BICYCLE NIPPLE on Mikron Multistar LX-24

### The challenge

- Produce bicycle nipples  $\varnothing$  4mm, length 12mm, thread length 8mm
- Annual production volume approx. 100 mio nipples
- Material: Brass



### The traditional solution

- Employees: 1 every 4 machines
- Production area: 25 m<sup>2</sup>
- Required machines: 4 traditional transfer machines
- Raw material: starting from pressed blanks
- Necessary statistic control: 4 (1 for each machine)
- Necessary tools: 24 (6 for each machine)



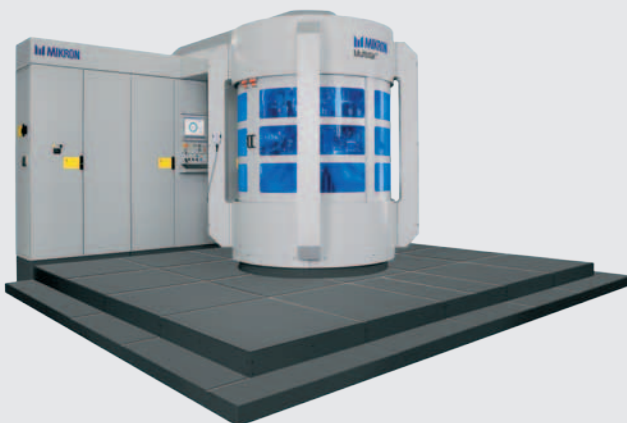
Production area: 25 m<sup>2</sup>

### The innovative solution

- Employees: 0.25/machine
- Production area: 16 m<sup>2</sup>
- Required machines: 1 Mikron Multistar LX-24 high speed transfer solution
- Raw material: starting from pressed blanks
- Necessary statistic control: 1 --> guaranteed constant quality
- Necessary tools: 20



Production area: 16 m<sup>2</sup>



Mikron Multistar NX-24

### Models available

- Mikron Multistar NX-24 (100% programmable)
- Mikron Multistar CX-24
- Mikron Multistar LX-24
- Mikron Multistar LX-12
- Workpiece size: diameter from 0.4 up to 35 mm and max. length of 60 mm
- Machine with 12 or 24 stations
- Compact construction
- Full CNC or mechanically driven versions
- Available with one, up to 4 simultaneous cycles, depending on the part complexity and the required volumes
- In single cycle output up to 150 parts/minute
- Quick and simple tool change