



Mikron transfer machines to produce components for the bicycle industry

Mikron Machining Systems

Downsize your cost per part!

Chain cylinder
produced on
Mikron Multistar LX-24



Pedal shaft
produced on
Mikron NAM-8



Tire valve
produced on
Mikron Multistar LX-24



Bicycle Nipple
produced on
Mikron Multistar LX-24



E-bike motor cover
produced on
Mikron Multistep XT-200



Brake component
produced on
Mikron NAM-10



Mikron Multistep XT-200

Advantage through modularity



- High-precision modular machining center for workpiece dimensions of up to 200 x 200 x 200 mm
- Full CNC simultaneous 5 axis capability, machining on 5 1/2 faces in one clamping
- Chip to chip time less than 1 second
- Modular expandable, 1 loading module serves 1 to 4 machining modules. Each extension with an additional machining module serves exclusively to increase productivity, thus enabling investment in line with the actual output requirements.
- 10-minute changeover time, ideal for changing lot sizes
- Automatic intelligent part loading, with pallet exchanger or robot.
- Manual loading available
- The Loading module performs additional tasks parallel to the main processing time e.g. fully automatic flip over of work piece – for 6 side machining, measuring of blank parts, deburring, cleaning and much more...

Mikron Multistar

The high volume professional



The Multistar LX-24 with 24 work stations and up to 44 working spindles ensures a smooth mass production. With the Multistar LX-24, parts can be machined from below and above or from the side. Other additional features are the 24 intermediate stations, which allow measurement, monitoring and cleaning procedures during the same run.

- Workpiece size: diameter from 0.4 up to 35 mm and max. length of 60 mm
- Compact construction
- Full mechanically driven versions
- Available with one, up to 4 simultaneous cycles, depending on the part complexity and the required volumes
- In multiple cycle output up to 600 parts/minute
- Quick and simple tool change

Mikron Multifactor

The classic performer



The Multifactor transfer machine cleverly combines high precision with low-cost productive performance. At the same time, the machine's modular structure ensures long-term universal use. Multifactor gives you a high-capacity system that keeps its value over time.

- High-precision rotary transfer machine with 12 or 15 stations for workpiece sizes of up to 100 x 100 x 100 mm
- Machining from wire, bar or cast blanks
- System reconfiguration at reasonable cost both today and tomorrow
- Complete machining without reclamping

Mikron NAM

Machining on 6-sides, from bar or wire



Full CNC high-precision rotary transfer Machine with 8 or 10 workstations for variable production batch sizes

- Maximum workpiece dimensions of up to 40x40x80 mm
- Complete machining on 6 faces from wire, coil or bar
- 4-axis pre-machining of bar before clamping

Mikron Machining

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