



Mikron Machining systems for the production of electric and electronic connectors



Mikron transfer machines for the cost efficient and high volume production of precision parts

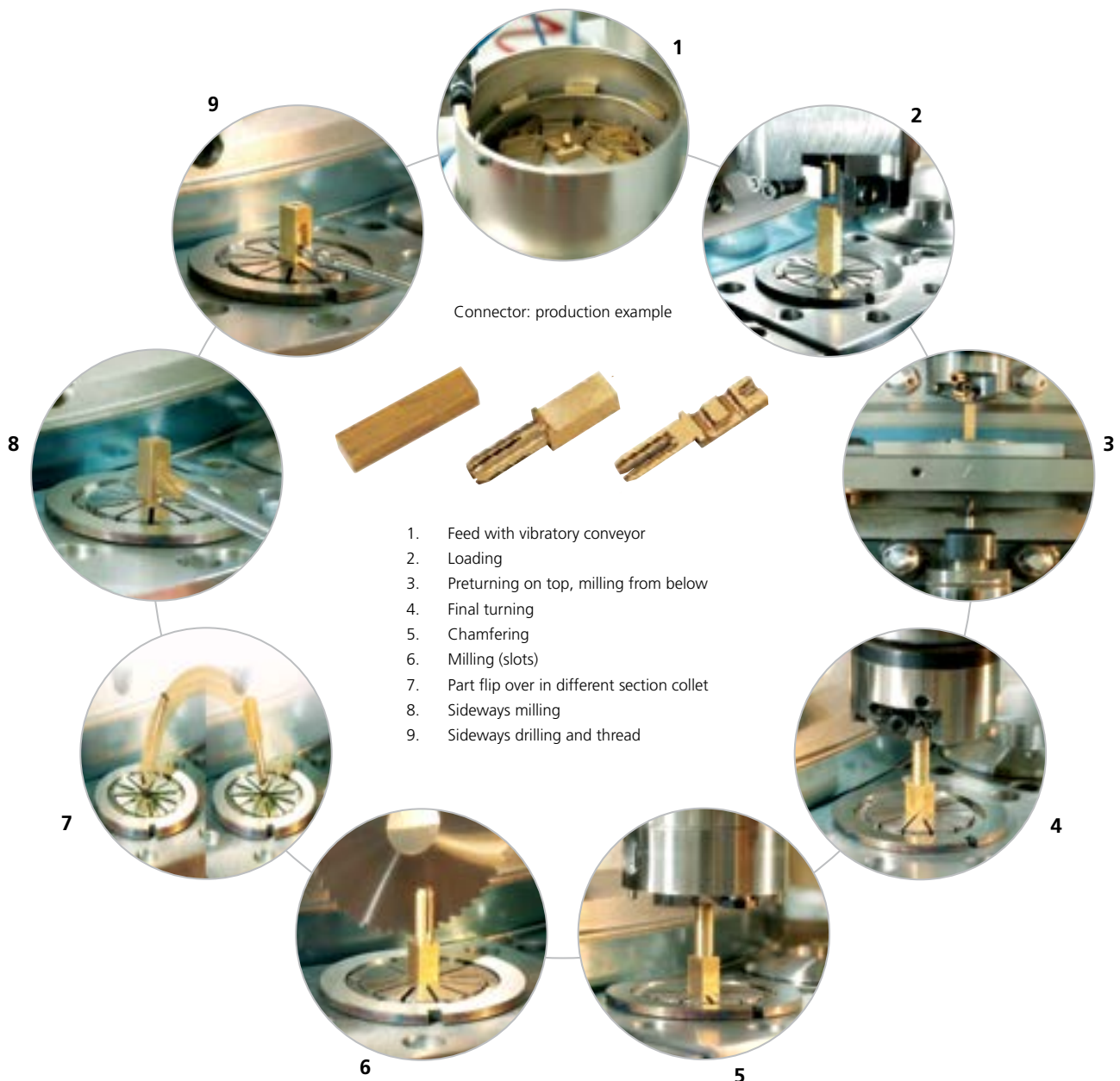
Mikron offers the right solutions for maximum piece rates in the electric/electronic industry, even where a large number of operations per piece are required.

Mikron high-precision rotary transfer solutions ensure:

- Very high output, up to 28,000 pieces/hour
- Process efficiency, from 8 to 24 stations
- Impressive cost per part savings
- Precise deburring of workpieces
- Ability to machine entire parts in a single operating cycle
- Ability to machine directly from wire

High-performance machining solutions from Mikron Machining enable our customers to set new production standards for many different applications such as:

- Electronic components
- Connectors
- Plugs, sockets
- Housings
- Computer (hard disk cases, IC connectors, read/write head arms for hard disk drives)
- Fiber optics





Downsize your production costs with Mikron high-performance machining solutions!



Fiber optic ferrule

Stainless steel
50 pcs/min on Mikron Multistrar LX-24



Contact bushing

Brass
50 pcs/min on Mikron Multistrar CX-24



Neon pin

Brass
520 pcs/min on Mikron Multistrar LX-24



Connector

Brass
50 pcs/min on Mikron Multistrar CX-24



Connector pin

Brass
36 pcs/min on Mikron Multistrar LX-24



Connector pin

Brass
50 pcs/min on Mikron Multistrar LX-24



Connector pin

Brass
50 pcs/min on Mikron Multistrar CX-24



Connector pin

Brass
120 pcs/min on Mikron Multistrar LX-24



Connector socket

Brass
35 pcs/min on Mikron Multistrar CX-24



Connector pin

Brass
35 pcs/min on Mikron Multistrar CX-24



Connector socket

Brass
50 pcs/min on Mikron Multistrar LX-24



Connector socket

Brass
50 pcs/min on Mikron Multistar CX-24



Electro clamp

Brass
160 pcs/min on Mikron Multistrar LX-24



Connector

Brass
140 pcs/min on Mikron Multistrar LX-24



Connector pin

Brass
35 pcs/min on Mikron Multistrar CX-24



Connector pin

Copper alloy
50 pcs/min on Mikron Multistrar LX-24



Connector pin

Brass
140 pcs/min on Mikron Multistrar LX-24



Connector socket

Brass
35 pcs/min on Mikron Multistrar CX-24



Connector socket

Brass
100 pcs/min on Mikron Multistrar LX-24



Connector pin

Brass
50 pcs/min on Mikron Multistrar CX-24



Connector pin

Brass
160 pcs/min on Mikron Multistrar LX-24



Connector

Brass
55 pcs/min on Mikron Multistar CX-24



Connector body

Aluminium alloy
5.5 pcs/min on Mikron Multistep XT-200



When it comes to high-volume production, Mikron is the best partner!

Mikron Multistar CX-24

What makes the Multistar CX-24 so special? Its 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.

- Precise serial production of part families and demanding workpieces
- $\pm 2.5 \mu\text{m}$ table index accuracy
- Up to 44 machining units operating simultaneously at 24 stations, assuring a very high output rate



Multistar LX-24

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.

A highly unique system! Up to 600 simple workpieces can be produced per minute. Separating the work fields doubles, triples or quadruples the production rate at the same high processing speed. This same parallel concept enables complete production of different workpieces within a single run.



Mikron VX-10

Machining on 6 sides, from bar, wire or blank

Full CNC high-precision rotary transfer machine with 10 workstations for variable production batch sizes

- Maximum workpiece dimensions of up to 40 x 40 x 80 mm (optional 40x40x160 mm)
- Complete machining on 6 faces from wire, coil or bar
- 4-axis pre-machining of bar before clamping



Mikron Machining

Headquarter

Mikron SA Agno

Via Ginnasio 17
6982 Agno
Switzerland
Tel. +41 91 610 61 11
Fax +41 91 610 66 80
mag@mikron.com

Mikron GmbH Rottweil

Berner Feld 71
D-78628 Rottweil
Tel. +49 741 5380 0
Fax +49 741 5380 580
mro@mikron.com

Mikron Corp. Monroe

200 Main Street
P.O. Box 268
Monroe, CT 06468 / USA
Tel. +1 203 261 31 00
Fax +1 203 268 47 52
mmo@mikron.com



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

Mikron® is a trademark of Mikron Holding AG, Biel (Switzerland).