FOUNDED IN 1908, MIKRON IS TODAY A WORLD LEADER IN HIGH-PERFORMANCE AUTOMATED ASSEMBLY.

RELIABLE AND INNOVATIVE, OUR SOLUTIONS ARE BASED ON PROVEN PLATFORMS AND ARE ADAPTED TO THE SPECIFIC NEEDS OF YOUR COMPANY.
YOUR SATISFACTION IS OUR GOAL

Mikron works in partnership with its customers to design the most effective automation solution for each project. To create tailor-made solutions for the product you want to assemble, we listen… and combine your experience with our own.

UNIQUE EXPERIENCE ACROSS MULTIPLE SECTORS

Pharma / Medical
from insulin pens to asthma inhalers

Automotive
from gas generators for airbags to fuel injectors

Electric / Electronic
from circuit breakers to mobile phone speakers

Consumer goods
from cosmetic pumps to ski bindings

Industrial / Building
from pneumatic quick connectors to sprinklers
150,000,000

= parts assembled on Mikron solutions each day worldwide
550+

= dedicated employees
design, build and support your production solution
350+

specific production processes performed with our automation solutions
SOLUTIONS DESIGNED FOR YOU

To date, close to 3000 Mikron assembly solutions have been successfully installed across the world and are running around the clock.

Mikron-designed automation solutions are developed specifically for you. Their modularity, precision and process flexibility help you to realise your project quickly and efficiently. A flexible solution, that can change to suit your production needs within an ever changing market place.

OUR EXPERTISE – WORKING FOR YOU

Mikron’s strengths
– Highly modular, standardised platforms which provide a solid, tried and tested foundation.
– More than 40 years of experience in integrating complex production processes.
– Optimised project management which, combined with our other benefits, ensures the quickest turnaround time.
– With 5 design and manufacturing centers around the world, Mikron expertise and support is where you need it.

PROVEN PRODUCTION AND TEST PROCESSES

Feeding
Bowl Centrifugal feeding
Flexible feeding
Tray handling
Escapement

Handling
Glass handling
Needle handling and inserting
Tube handling

Testing and Controlling
Functionality tests
Flow and leak tests
Multiple torque tests
Needle tip, angle, length vision check
Occlusion check
Pull check
Quality tests
Vision tests
X-ray checks

Dosing and Curing
Gluing
Greasing
Liquid dosing
Powder dosing
UV curing
Thermal curing

Welding
Laser welding
Ultrasonic welding
Resistance welding

Marking and Printing
Hot-Foil marking
Inkjet printing
Labelling
Laser marking
Pad printing

Data management
Data capture
Line management
Statistics
Traceability

Forming and Stamping
Clinching
Forming
Riveting
Hard and soft material stamping

Other specific processes
Coil winding
Magnetization
Photovoltaic related processes
EVERY DAY 150,000,000 COMPONENTS ARE ...
ASSEMBLED ON MIKRON SOLUTIONS

**Pharma / Medical**
3. Stopcock
6. Glass syringe
12. Inhaler for asthma
13. Auto-injector
15. Plastic syringe
17. Closer for ISO vials
20. Shielded winged IV needle (Butterfly needle)
24. Diagnostic kit
25. Pen injector
26. Dose counter for inhaler
28. Lancet

**Electrical / Electronic**
1. Electrical switch
14. Loudspeaker for mobile phone
19. Connector block
21. Electrical socket
29. Circuit breaker

**Consumer goods**
5. Cosmetic dispenser
7. One-way pressure-relief valve
11. Carburetor for outdoor power equipment gas engines
18. Quick pneumatic fitting
30. Fluid Tap

**Automotive**
2. Airbag gas generator
4. Rocker
9. Seat belt buckle
10. Gasoline injector
16. DC motor
23. Ignitor for airbag gas generator
27. Synchronizing ring for gearbox

**Industrial / Building**
8. Gas valve for cooking plate
22. Sprinkler
PARTS AND PARTNERSHIP

After installation, our customized training and production assistance introduces your people to the feel and function of the new system, increasing productivity by reducing the learning curve.

Our support continues with remote maintenance tools, a service hotline, and the expertise of our technicians—who arrive at your site to personally provide support throughout the entire service life of your assembly solution.

CONTINUOUS IMPROVEMENT

Need to make changes to your parts? Thanks to the flexibility of Mikron solutions, and the experience of our engineers, your line can be improved and adapted throughout its service life.
WE ARE COMMITTED TO ENSURING THAT THE FINAL RESULT MEETS YOUR EXPECTATIONS.
GROWN FROM THE SAME ROOTS AS THE SWISS WATCH-MAKING INDUSTRY, MIKRON SHARES THIS SAME PASSION FOR PRECISION, RELIABILITY AND PERFECTION. AS YOU READ THESE WORDS, CLOSE TO 3000 MIKRON SOLUTIONS AROUND THE WORLD ARE RUNNING – LIKE SWISS WATCHES.
These customers trust Mikron

Renowned companies around the world place their trust in Mikron – for precision, performance and success.

ABB
AEG
Aerogen Ltd
Albrecht Jung
Alere
Aptar Group
B. Braun Medical
Bausch & Lomb
Bespak
Boehringer Ingelheim
Briggs & Stratton
Chiesi Farmaceutici
Cilag
Connectwell
Continental
Dayco
Eli Lilly and Company
Federal Mogul
GE Power Controls
Gerresheimer
Gira
GlaxoSmithKline
Hager Electro
Huber+Suhner
ITW Ark-Les
Johnson Controls
Knowles
Legrand
MeadWestvaco
Metal Work
Schlaeger Kunststofftechnik
Nemera
Novo Nordisk
Nypro
Osram
Owen Mumford
Pierburg
Pfizer
Philips
Phillips-Medisize
Renault
Robert Bosch
Rockwell Automation
Röhm
Sabaf
SAIA-Burgess
Solarnova
Sanofi
Schneider Electric
Schott
Siemens
Teva Pharmaceuticals Industries
Troxat
TRW
Tyco Fire Products
Unilever
Unilife
Worldwide Dispenser
Ypsomed
ZF