3P | pharma equipment

MIKRON AUTOMATION

DPI BLISTER **FILLING & ASSEMBLY** TECHNOLOGY

Complete DPI Manufacturing Solution

Blister filling, coiling and device assembly.



Ideal for commercial-scale production and capable of blister filling & coiling up to 240 strips/minute.

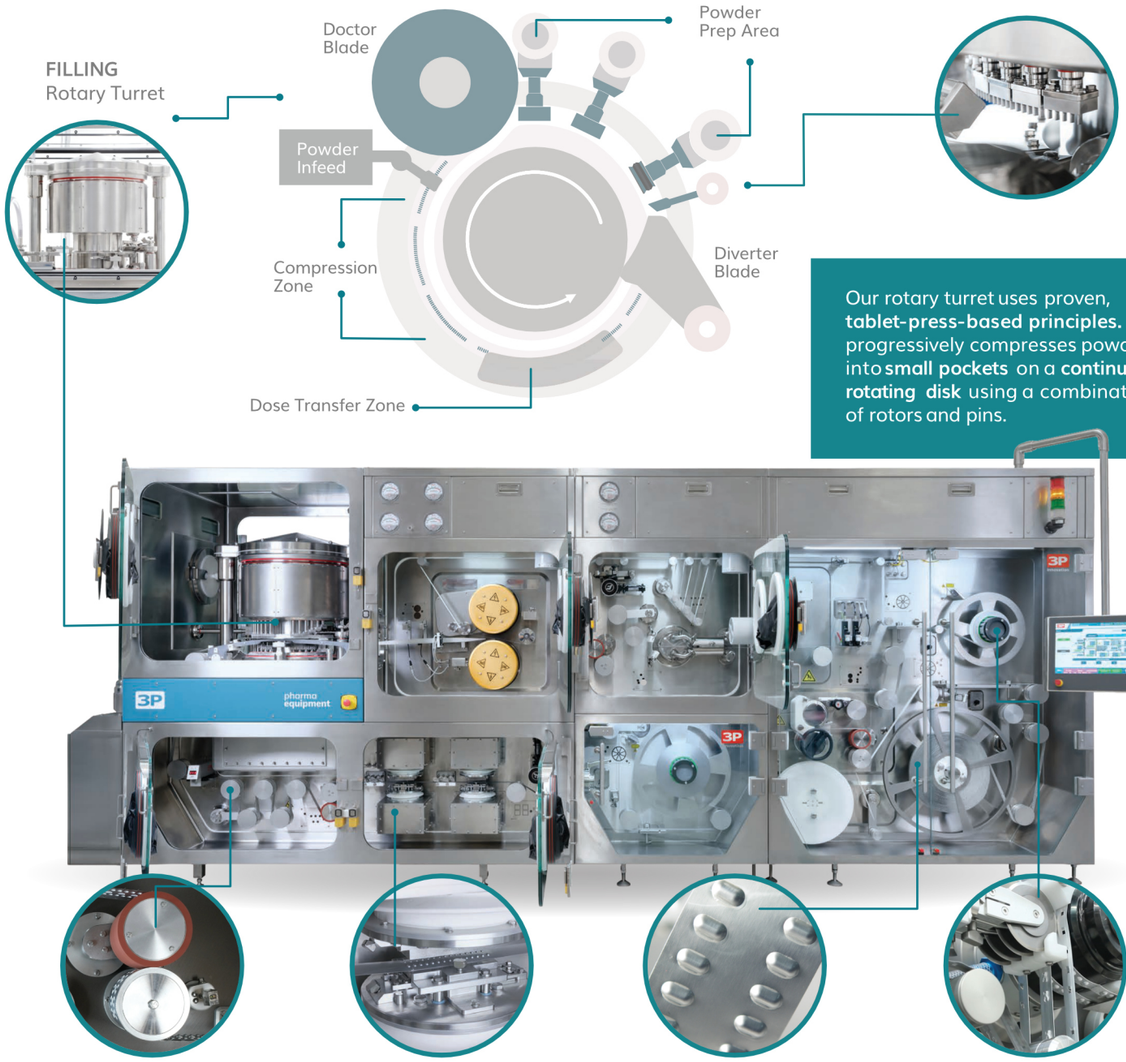
3P pharma equipment

BLISTER FORM | STRIP FILL | BLISTER SEAL | BLISTER MARK | EDGE TRIM

COMMERCIAL SCALE: BLISTER FORM, FILL & SEAL

The **DPI Blister Strip Commercial Platform** forms blister strips from laminate web material, accurately fills powder into the pre-formed blister pockets and ensures precision sealing for reliable product protection.

Ideal for commercial-scale production, and capable of producing up to **240 strips/minute.**



Our rotary turret uses proven, **tablet-press-based principles.** It progressively compresses powder into **small pockets** on a **continuously rotating disk** using a combination of rotors and pins.

STRIP FEED
Nip drive ensures accurate positioning and transport of the blister.

POCKET FORMING
Robust and highly precise cold blister forming.

FORMED STRIP

EDGE SLITTING

OPTIONAL FEATURES

- Final strip cut to width
- Printing

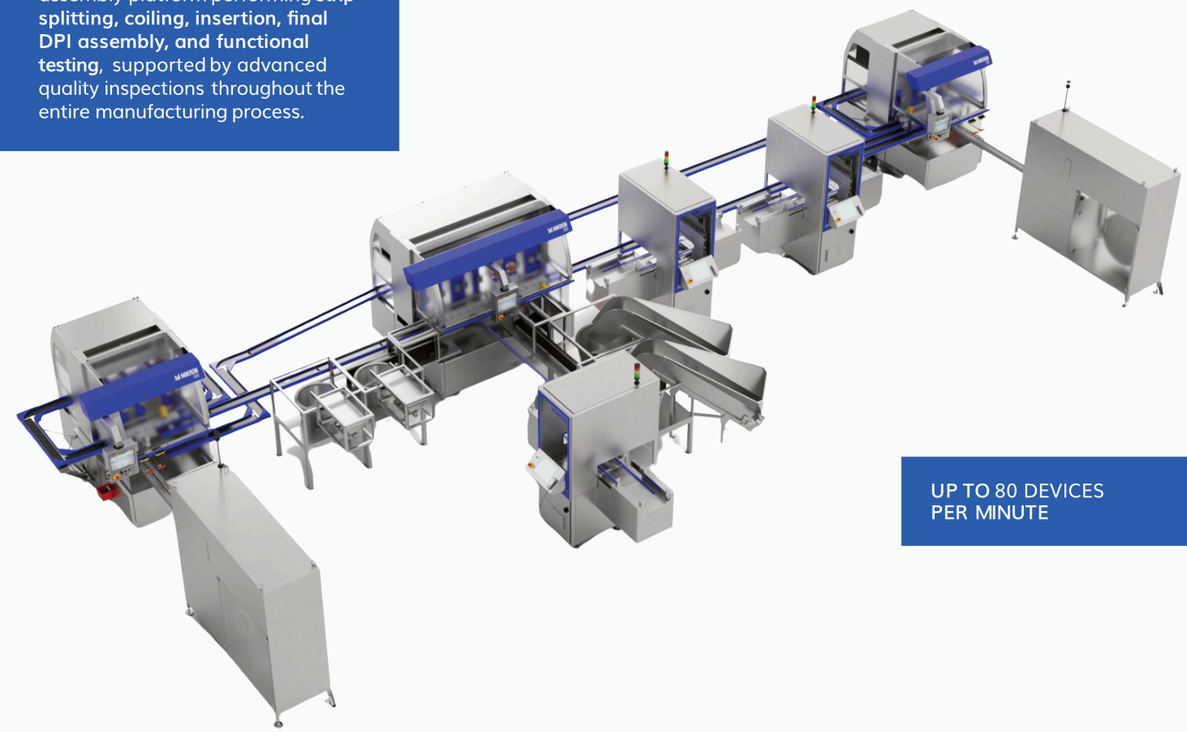
MIKRON AUTOMATION

CUT & COIL | FORM & SEAL | STRIP INSERTION

COMMERCIAL SCALE: STRIP COIL & ASSEMBLE

Mikron's **G05 solution** uses proven processes for blister strip handling, coiling, forming and assembly. The processes used at clinical scale are also employed for high volume assembly lines, giving robust and reliable solutions.

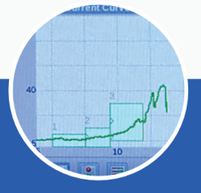
A fully automatedend-to-end assembly platform performing **strip splitting, coiling, insertion, final DPI assembly, and functional testing,** supported by advanced quality inspections throughout the entire manufacturing process.



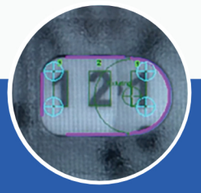
UP TO 80 DEVICES PER MINUTE



STRIP FEEDING AND SPLITTING FROM REEL
Fully automatic reel changeover.



FUNCTIONAL CHECK
Torque monitoring.



FUNCTIONAL CHECK
Counter actuation.



UID TRACEABILITY

DPI BLISTER FILLING: SCALING UP

Proven scale-up of core technology

Our fundamental process has been designed with scalability in mind. Every system uses the same core filling technology, enabling seamless progression from lab-scale development to high-speed commercial production. Proven in customer applications, the technology delivers consistent performance as production scales, reducing uncertainty and risk.



DPI BLISTER FILLER: MANUAL



DPI BLISTER FILLER: DEVELOPMENT



DPI BLISTER FILLER: COMMERCIAL

3P innovation | pharma equipment

SMART ENGINEERING. INNOVATION BEYOND AUTOMATION

We create precision-engineered automation solutions for pharmaceutical and industrial manufacturers, designed for flexible customisation and seamless scalability.

We combine engineering expertise, process knowledge and collaboration to solve complex challenges, reduce risk and help customers succeed from concept to commercial production.

MIKRON AUTOMATION

SOLUTIONS FOR MANUFACTURING EXCELLENCE

At Mikron we are committed to delivering the best assembly systems and all needed services throughout your product's entire life cycle.

With our extensive engineering know-how, complex process expertise, scalable platforms and lifelong support we are driving lasting success for your business.