PÖPPELMANN®
FAMAC®

MORE AUTOMATED. **NOW.**

Maximum efficiency and highest product protection through complete automation: GMP-compliant, precise, certified, and resource-efficient.

WE. CREATE. FUTURE.

HIGHEST QUALITY STANDARDS FOR YOUR APPLICATION.

Plastic products for the pharmaceutical and medical technology industries are subject to strict requirements regarding cleanliness and hygiene to ensure maximum product protection and the highest user safety. Our goal is to develop high-quality components and assemblies and to implement them efficiently and cost-effectively. With our fully automated cleanroom, we offer you, even as a contract manufacturer, further possibilities for producing injection-molded articles in a low-particle environment. In addition to process reliability, we also increase production efficiency.

SEAMLESS AUTOMATION UP TO DELIVERY

The packaging of plastic products for strictly regulated industries is now carried out without manual intervention. We have the solution for your specific application.

By positioning the machines outside the cleanroom, we keep the energy input per square meter of production area as low as possible.

The injection-molded parts are removed from the multi-cavity mold by robots, inspected by a camera, and then stacked.

Driverless transport systems (DTS) autonomously and safely handle the transport and transfer to the packaging machine.

The items are sealed in an initial cleanroom bag, fitted with an RFID tag, and then double-bagged.

FIND OUT MORE

SEAMLESS QUALITY MANAGEMENT, CERTIFIED CLEANLINESS.

The existing cleanroom of approximately 650 m^2 has been expanded with a state-of-the-art cleanroom of over 200 m^2. Filtration systems in production ensure particle and microbial levels in accordance with DIN EN ISO 14644-1 – Class 7 and Class C of the EU GMP Guidelines, i.e. fewer than 350,000 particles/m^3 down to a size of 0.6 µm and fewer than 100 colony-forming units/m^3.

Our customers benefit from our many years of experience in the development and manufacturing of plastic products, with full documentation in compliance with GMP (Good Manufacturing Practice) – certified to DIN EN ISO 13485. In four qualification stages, the manufacturing process is examined and documented in detail across all phases of industrialization.

The innovative machine design of the new cleanroom production, which includes features such as encapsulated lubrication, further reduces the risk of particle contamination. The expansion of cleanroom capacity was accompanied by extensive digitalization: production and packaging data are interconnected, automatically processed, and documented – from the production line via automated transport using DTS to the packaging system, data flows seamlessly together, enabling complete real-time monitoring of the entire process.

ISO 13485:2021 CERTIFIED

DIN EN ISO 45001:2018 CERTIFIED

DIN EN ISO 9001:2015 CERTIFIED

DIN EN ISO 50001:2018 CERTIFIED

DIN EN ISO 14001:2015 CERTIFIED

FIND OUT MORE

Your benefits at a glance:

- Everything from a single source: from development and toolmaking to series production.
- Production technologies include rapid prototyping, injection molding, assembly, and finishing processes.
- Fewer particle sources and maximum product protection through automated processes.
- Maximum process reliability through RFID technology.
- Development of resourceefficient product concepts in line with ECO design principles, including calculation of the Product Carbon Footprint.

PÖPPELMANN®
FAMAC®

EXCELLENT AND CERTIFIED.

FOR MORE RESOURCE CONSERVATION

ISCC
International Sustainability & Carbon Certification

FOR REAL CLIMATE PROTECTION

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

KLIMASCHUTZ UNTERNEHMEN
DIE KLIMASCHUTZ- UND ENERGIE-EFFIZIENZGRUPPE DER DEUTSCHEN WIRTSCHAFT

WE. CREATE. FUTURE.