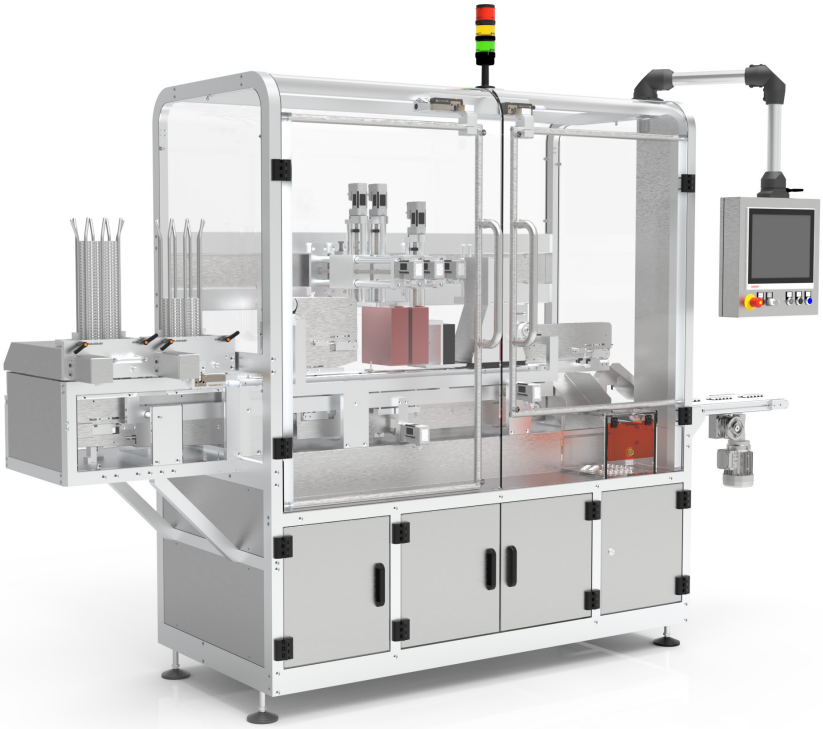
OPTICUM



PRODUCT HANDLING DEVICES

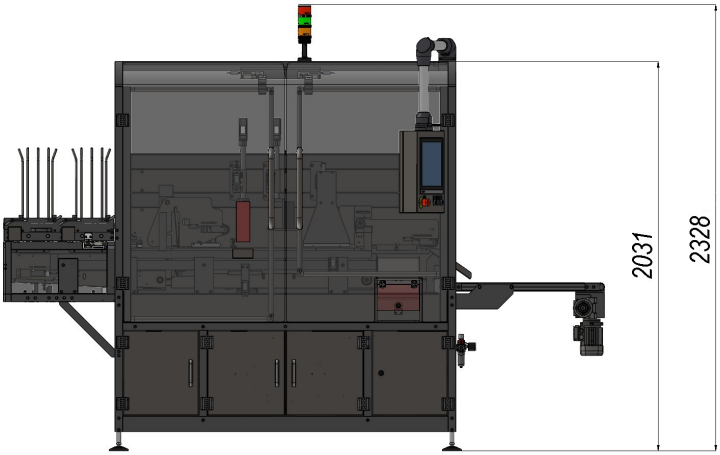
We provide advanced devices designed for precise handling and outfitting of a wide range of products. Our solutions ensure accuracy, efficiency, and reliability in every step of the product handling process. Whether you need high-speed labeling systems, blister printing system, vial labeling or fully automated outfitting equipment, our devices are engineered to optimize workflows, reduce errors, and maintain consistent quality standards. Perfect for industries where precision and productivity matter most.

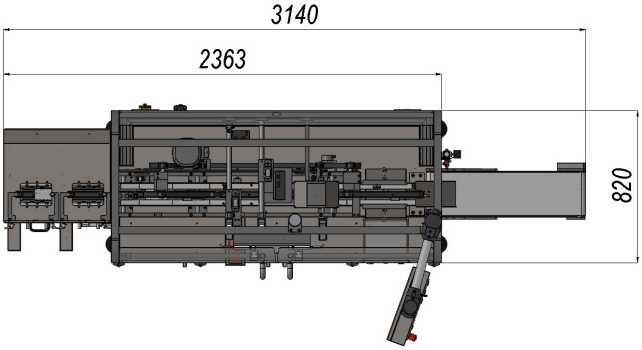
BPS – BLISTER PRINT SYSTEM

The BPS system is designed for high-precision printing and quality control of blister packs. Its feeding mechanism ensures a smooth and continuous supply of blister packs into the system. Artwork and variable data is then printed using the DOD printer, print curing is done using UV light and finally print inspection is done by high-resolution camera. Compliant products are transported to the machine output section, while incompliant products are automatically rejected into the rejection bin.

HIGHLIGHTS:

- **Output up to 200 products/min:** With consistent precision and quality.
- **Compact Footprint:** Extremely compact structure fits perfectly even in space-constrained environments.
- **Unified Human-Machine Interface (HMI):** All device functions are intuitively managed through a single, user-friendly touchscreen interface, simplifying operation and reducing training time.
- **Printing:** Designed for seamless integration with advanced DOD printers such as Hapa RedCube, ensuring exceptional print quality and reliable performance.
- **Printed Text Verification** – Utilizes OCR/OCV and pattern matching to ensure all printed data is accurate, legible, and compliant.
- **Automated Rejection System:** Features a smart rejection mechanism with integrated sensors to confirm successful removal of non-compliant products.
- **High autonomy:** Infeed magazine adjustable up to a height of 600 mm (option multiple feeding magazines).
- **Modular Software Architecture:** Ensures robust operation in accordance with GxP and also reduces production line downtime required for validation.
- **Flexible Communication Interface:** Seamlessly connects with Track & Trace servers, recipe systems, MES, SAP, and other higher-level IT infrastructures.





TECHNICAL SPECIFICATIONS

Device dimensions (length x width x height) [mm]	2363 x 820 x 2328
Device weight [kg]	1000
Minimum product dimensions (length x height) [mm]	39 x 60*
Maximum product dimensions (length x heigh) [mm]	90 x 145*
Printer type	DOD printer
Line Integration	Standalone or integrated

**Specifications reflect the standard configuration and can be fully customized to meet specific customer requirements.*