

TRACK & TRACE

FOR SEAMLESS PRODUCT
TRACEABILITY.

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FOR A RELIABLE SUPPLY CHAIN FROM START TO FINISH

Track & Trace by Uhlmann provides you with comprehensive solutions for the tracking of pharmaceutical products and medical devices. These solutions comply with all global standards governing strict falsification, product, and process security. Our modular units – the Uhlmann Serialization Platform USP, the Uhlmann Labeling Platform ULP, and the Uhlmann Aggregation Platform UAP – enable you to respond quickly and flexibly to changing specifications. We integrate the appropriate printing technology and label application options, as well as inspection systems, into each platform. Our Track & Trace turnkey management and internally developed software solutions are conceived to cover applications across all production levels, extending to direct connection to ERP and government servers.

SERIALIZATION THE EASY WAY

- **Flexible:** Integration into new machines as well as retrofit solutions for various packaging machines and lines
- **Tailored:** Modular design for different unit options depending on the project
- **Ergonomic:** GMP-compliant design for good accessibility, as well as easy maintenance and cleaning
- **Straightforward:** Intuitive operating system controls all components; fully automated format adjustments and connection to downstream processes
- **Reliable:** Software solutions with interfaces to superordinate systems, internal and external systems, as well as government databases

DETAILS THAT GIVE YOU A LEADING EDGE:

- 1 Carton serialization for maximum pharmaceutical reliability.
- 2 Carton with tamper-evident closure in compliance, for example, with EU FMD specifications.
- 3 Marking of medical devices with data identifying the manufacturer and the product in compliance with UDI requirements.



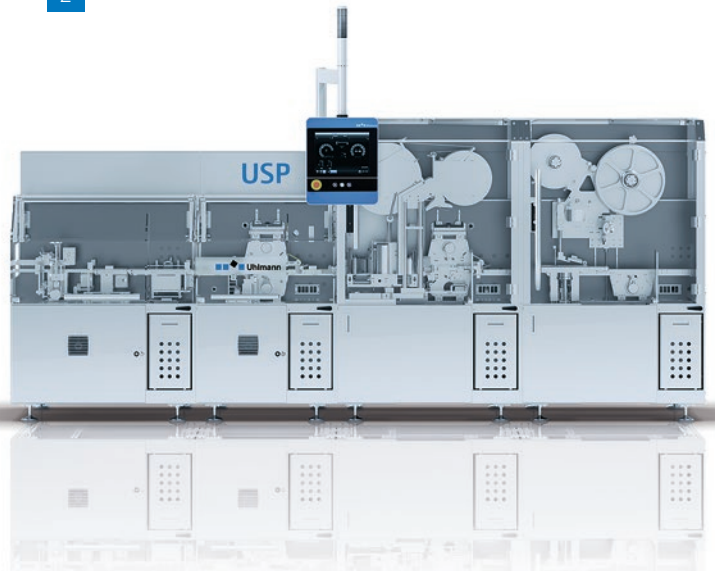
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UHLMANN SERIALIZATION PLATFORM USP

1



2



UHLMANN LABELING PLATFORM ULP

3



- 1 **USP** basic module: compact unit with inkjet printer or laser marking and VisioRead inspection system.
- 2 Exemplary full version: **USP** with components for weighing, printing, inspection, tamper-evident labeling, and top labeling. The modular design permits tailored configuration to meet your specifications.
- 3 **ULP** basic module for tamper-evident labeling; optional combination with USP extension modules such as checkweigher and/or top labeling.

Max. output	300 cartons/min.
Max. conveyor speed	60 m/min.
Carton size [A x B x H]	min. 30 mm x 15 mm x 67 mm max. 130 mm x 105 mm x 240 mm
Max. carton weight	300 g
Machine length	USP basic module: 800 mm ULP basic module: 1,050 mm extension modules: 1,050 mm

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UHLMANN AGGREGATION PLATFORM UAP

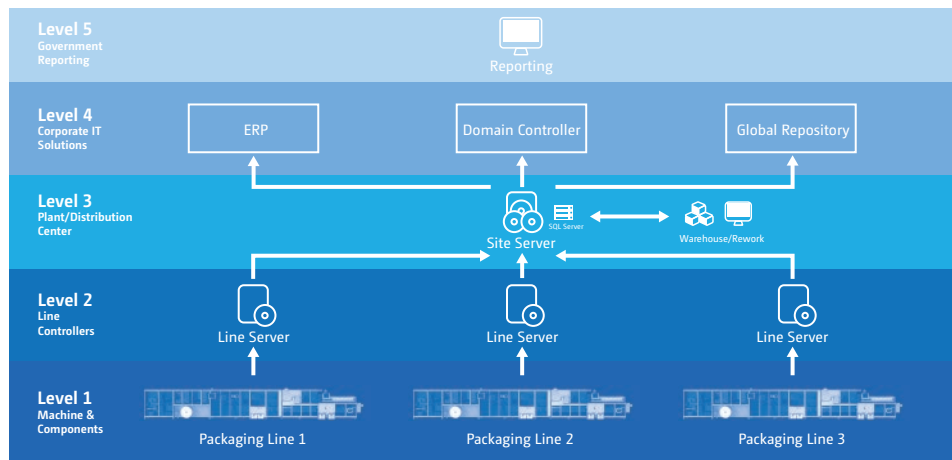


1 UAP: manual aggregation with VisioRead inspection system, hand-held scanner, and label printer; max. carton size 400 mm x 300 mm.

2 UAP: Manual aggregation or rework station with hand-held scanner and label printer.

SOFTWARE SOLUTION

At the heart of every Track & Trace application is the software for data collection, data transfer, and data security.



System architecture of the software developed by Uhlmann for the collection, aggregation, and management of serialization data

More on Trace & Trace:
www.track-trace-by-uhlmann.com



THE HEARTBEAT OF PHARMA PACKAGING

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