

LSS – conveyor belt with serialisation module

The affordable semi-automated serialisation solution:
transporting - printing - scanning - eject



LSS is a technically advanced yet affordable labelling system for pharmaceutical companies, food producers and contract packers. It has been designed for integration into continuous production lines or manual packaging lines.

The LSS combines a printer, camera, ejection station and IPC touch panel along a conveyor belt of only 1,200 mm in length.

Process description:

The products are placed manually or automatically on the conveyor belt that transports them through the printing station where they are labelled with serialisation information in the form of 2D barcodes, data matrix codes or text. Depending on the customer requirements, the unit can be equipped with thermal printers, laser coding or labelling and dispensing systems. The printed data is then read by the downstream camera and evaluated, for instance with the **b+b SiteManager** software. Products whose data cannot be read are automatically removed from the process at the ejection station.

The unit is operated through a 15" touch screen with password protection. Its screen shows the order details, statistical data and the last captured image in a user-friendly layout. The IPC touch panel and the USP (uninterruptible power supply) are built into the base frame of the unit.

The production rate of the LSS can be continuously adjusted from 5 to 25 metres per minute. The fixed and steering castors can be adjusted in height and make the unit portable for use in various production lines.

Technical data:

Dimensions:	L 1.200 mm x B 700 mm x H 800 mm to 900 mm (height adjustable)
Formats:	According to customer specifications Standard: Length up to 124 mm, width up to 135 mm
Output:	max. 25 m/min, continuously adjustable
Electrical connection:	230V / 16A
Compressed air connection:	6 bar, cleaned compressed air
Ambient conditions:	+15°C to +40°C (non-condensing)

All **b+b** systems form part of a modular system that can be customised to suit the actual process requirements:

- Linking of **b+b SiteManager** software of production line to ERP system
 - Choice and integration of optimised equipment for the serialisation and labelling of products and packaging units
 - On request, **b+b** manages the entire project and implementation, acting as a general contractor
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