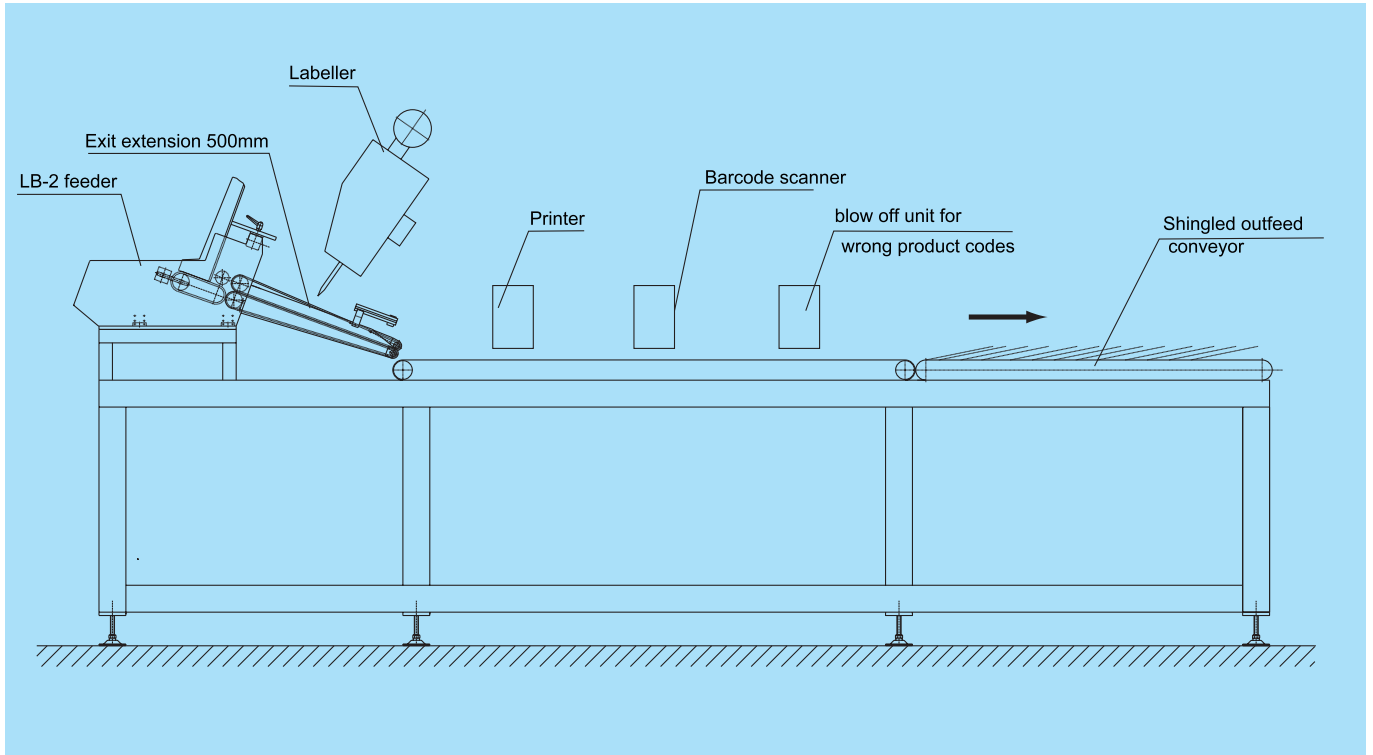


# Feeding and labelling unit

Complete solution for various product marking



## Design and characteristic features:

- Feeding and labelling of packing material like e.g. folding cardboard boxes or diverse flat products
- Integration of various components like e.g.:
  - Labelling unit
  - ink-jet systems
  - drag mark detectors and others
- Base material supply via feeder (inline or at an angle of 90° to the line)
- Continuously running flighted belt conveyor for the transport through the test and marking stations
- Quickly running transfer belt for hand-over to the stacking module or following processing machine

## Control unit:

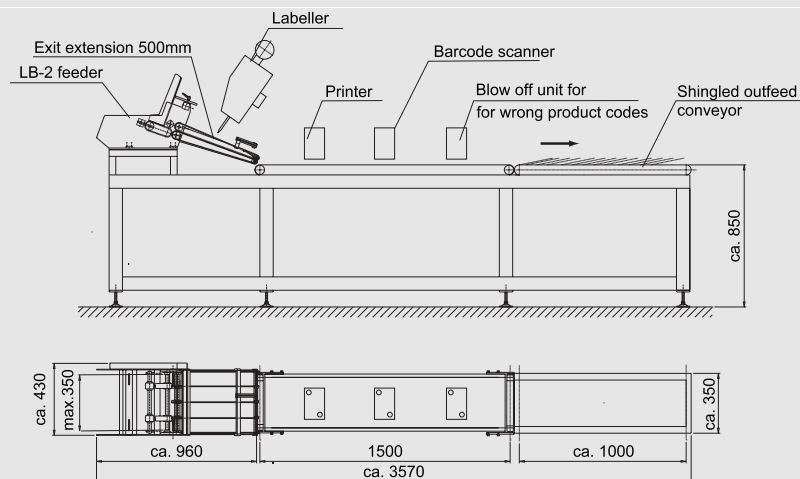
- PLC interface, 15 pin
- Operator guidance and status indication by LC display
- Preselection for piece number with NOM/ACT comparison
- Fault message indication by way of signal lamp and display
- Selectable operator language in German, English or French
- Electric and electronic plug-type connections
- Own microprocessor control for transport conveyor, shingled outfeed conveyor and transfer station
- Level detection in the feeder magazine and in the stacking magazine

## Options:

- Tacho-generator control for external synchronization of the conveyor speed
- Parameter setting via external PLC (number of pieces, start signal, etc.)

Technical data:	
	<b>Feeding and labelling unit</b>
<b>Format range (special formats possible):</b>	Min. 150 x 100 mm, max. 400 x 450
<b>Speed (depending on product):</b>	Max. 100 cycles/min.
<b>Product passage:</b>	Min. 1 mm, max. 30 mm
<b>Magazine loading (depending on product):</b>	Feeder: Standard 580 mm, option 800 mm / 1,000 mm piling conveyor 2,000 mm long, usable width approx. 450 mm
<b>Drive:</b>	DC servo-motors, infinitely controllable stepper motors for conveyor belts
<b>Control:</b>	Microprocessor control, PLC interface, functions for no. of pieces, continuous mode, self-diagnosis, fault message etc. own control for transport conveyor and shingled outfeed conveyor
<b>Supply voltage:</b>	400 V / 50 Hz
<b>Compressed-air connection</b>	6 bar dry, oil-free air, connection ¼ " depending on the feeder design
<b>Dimensions (W x D x H) / Weight:</b>	4,000 x 2,000 x 1,640 mm (design as on layout plan) weight depends on the design

#### Dimensions of the whole system:



#### Options:

<b>Options feeder:</b>	<ul style="list-style-type: none"> <li>• Due to data sheet</li> </ul>
<b>Integration of peripheral devices:</b>	<ul style="list-style-type: none"> <li>• Upon request</li> </ul>
<b>Stacking tray:</b>	<ul style="list-style-type: none"> <li>• For deposition and manual take-off of the products</li> </ul>
<b>Shingled outfeed conveyor:</b>	<ul style="list-style-type: none"> <li>• With preselection and product counter for magazine loading of the products</li> </ul>

Subject to technical modifications