

# Feeding and marking module



Feeding and marking unit

**Mode of operation:**

The products to be marked are placed as a stack in the stack magazine of the friction feeder, separated in the friction feeder, and fed directly to the compartment of the flighted belt conveyor via the outfeed extension.

The flighted belt conveyor and the lateral guides align the products in the feeding module exactly and at the precise angle.

The module is prepared for integration marking devices.

For applications including a camera or barcode scanner, the products can be identified for applications such as barcode detection and then evaluated or provided with a label.

When optionally fitted with a labeling system, the product is marked directly in continuous operation with a label.

The compact design of the module allows for ready integration in downstream processing units. Short setup times allow economical operation of the unit, even with smaller lot sizes.

**Configuration:**

- LB-2 friction feeder, feeding width 350 mm with 300 mm of outfeed extension
- Flighted belt conveyor with replaceable flight toothed belts and exact transfer to the next processing unit.
- Movable base, adjustable to working height

**Application:**

- Separating, feeding and labeling in continuous operation
- Format flexible application through replaceable flight toothed belts

**Performance data:**

- Speed: Max. 100 products/min (depending on product) (6.000 / h)
- Formats: Min. 60 x 30 mm; Max. 300 x 300 mm
- Positional accuracy the flighted belt conveyor: +/- 1 mm
- Short setup times
- Continuous format adjustment



Typical application examples

Techncal Data:	
	<b>Feeding and marking module</b>
<b>Formats (special formats possible)</b>	Min. 60 x 30 mm, max. 300 x 300 (L x W)
<b>Cycle rate (continuous mode), depending on the format</b>	Up to 100 products/min., about 6,000 products/h
<b>Products:</b>	Brochures, folding cardboard boxes, inserts, and the like
<b>Magazine loading: (depending on the product)</b>	Vertical magazine 580 mm
<b>Drive:</b>	AC servo motors, infinitely variable
<b>Control / Display:</b>	Microprocessor control
<b>Supply voltage: Power consumption:</b>	400 V / 3 AC / N / PE / 50 Hz, about 4 kVA
<b>Dimensions (W x D x H) / Weight:</b>	about 2100 x 500 x 1500 mm about. 500 kg

