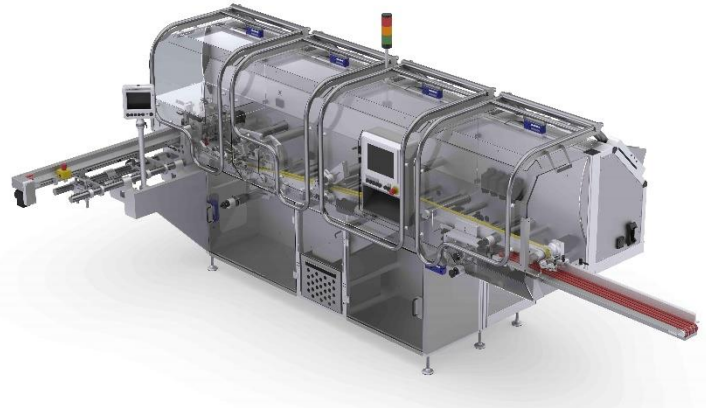


## Labelling and Inspection Unit LIU

The labelling and inspection unit is used for labelling and testing the labelled products. The products are separated by our separating system and fed to the label dispenser, after which the products are checked by the integrated vision system. The products that are detected as good are forwarded to the downstream process or the bad detected products detected are rejected.



### Technical data:

Output range	cycled up to 500 products/min continuous up to 2000 products/min
Product format	40 x 30 mm to 400 x 300 mm (W x L)
Product thickness	0.1 to 15 mm
Product features	at least min. 80 g/m <sup>2</sup> flat or folded
Products	various
Positioning accuracy	+/- 1 mm (application-oriented)
Format settings	reproducible mechanically adjustable
Controller	freely parameterisable, recipe management
Operation / HMI	HMI machine controller / pushbutton HMI camera system
Indicator lights	green, orange, red (standard)
Power connection	230 V / 50/60 Hz / LNPE
Power requirement	on request
Drive	powerful servo drive low noise
Material	anodised aluminium / stainless steel
Weight	project-specific
Weight	project-specific
Mounting options	project specific design
Safety protective device	integrated
Vision system	integration according to customer specification
Product rejection	integrated in reject container

### Options:

Product feeds	project-specific infeeds
Discontinued versions	project-specific outlets (direct, stacking device)
Communication interface	I/O (standard) OPC-UA OPC-UA via Ethernet TCP/IP Industry 4.0
Validation	project specific design
Special solutions	on request

If you have any questions, please do not hesitate to contact us.

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