

## Inspection Unit IU

The Inspection unit is used to ensure that only tested products are passed on to the downstream process. The products are separated by a feeder system and the required criteria are checked by a vision system. A faulty product is automatically rejected. Rejection into a separate container is monitored via a countercheck. Products detected as good are placed on a shingle conveyor for manual removal or dispensed into the downstream machine.



### 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
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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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