

ASL-R

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Automatic Sausage Loader



40 % productivity increase

- Efficient loading of smoke trolleys with smoke sticks up to 1,250 mm length
- Automation line consisting of ASL-R und FCHL Automatic Clipping/Hanging Machine
- Continuous production

Why work with ASL-R?

Continuous placing of loaded smoke sticks in the smoke trolley. Versatility in the calibre range up to 100 mm, product/chain length including loop up to 1.400 mm. FCHL/ASL-R line – continuous automation for clipped and looped products.



Advantages

- Fully automatic, optimally synchronized production process consisting of: emulsion processing line, filling machine loading, clipping unit, hanging line,
- smoke trolley loading, thermal processing/drying installation
- Flexible positioning of smoke trolley racks
- Smoke trolley dependent loading patterns
- Efficient production without interruptions, independent of the operator
- Minimum staff requirement for operation of the complete FCHL/ASL-R line in multishift operation
- Take-over of at least one loaded smoke stick from the automatic

Excellence in Clipping



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hanging line or the automatic clipping/hanging machine and positioning in the smoke trolley

- Up to 7 sticks are positioned per minute
- Smoke stick loading weight up to 40 kg, depending on the material
- Continuous production – when the first smoke trolley is full there

is an automatic change to the next smoke trolley which is then loaded

- Stick profile specific grapppler
- Data link to customer's PDA (production data acquisition) system, ASL-R control with Ethernet interface to FCHL
- Low maintenance for maximum reliability and service life

✓ Quality and hygiene

- Hygienic design industrial standard IP 67 and protection cover with overpressure blower, complying with the strict regulations of the food industry, allows for easy cleaning

+ Optional equipment

- Safety device (safety fence) complies with current safety guidelines – CE conformity for entire plant

✓ Consumables

Stick profiles: 

+ Customised project planning

- Review of actual situation on site and potential analysis for optimised product flow
- Programming of the line
- Only three basic data – calibre, product length, geometry of smoke trolley (spacing, height, depth) as product parameters in SAFETY TOUCH – further calculation in ASL-R's control
- Teach-in operation (teaching) for positioning of units and easy commissioning
- Smoke trolley and smoke sticks in automation quality at the customer
- Set-up, commissioning and assistance during start of production
- Training and documentation



Technical data

Width	412 mm
Depth	676 mm
Height	1,922 mm
Weight	425 kg
Three-phase current connection	200–600 VAC, 50/60 Hz
Power input	16 kW
Fuse connection	32 A
Compressed air	6 bar / 0,6 MPa
Air consumption	3.5 NL/cycle
Operation range	2,550 mm
Handling capacity	40 kg
Grappler load	20 kg

Dimensions, weight and consumption values vary depending on the equipment and/or machine configuration.

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