

AHL 1000

Automatic Hanging Line



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poly-clip[®]
SYSTEM

- Automatic placing of sausages on hanging sticks
- Automatic line with FCA series automatic double clipper
- Automatic adjustment of speed to clipper
- For hanging sticks of 1000 mm length

Applications

The automatic hanging line AHL 1000 links directly to the automatic FCA machines of Poly-clip System. A special finger takes the product loop from the FCA. All commonly used 1000 mm metal hanging sticks with a maximum diameter of 30 mm can be used. Individual sausages up to 3.5 kg weight and up to 550 mm length as well as links up to a length of 850 mm are placed precisely on the hanging sticks. The cycles per minute depend on the output of the automatic clipper.

Advantages

- The number of sausages per stick can be freely selected between 6 and 28
- The number of portions to be suspended can be changed easily and quickly at the press of a button on the touch panel without any mechanical changes
- The automatic clipper can be swung-off as before to reload casing without having to move the AHL
- The conveyor speed of the FCA is continuously variable
- Simple adapted outlet can be fitted on the FCA
- Integral feed store for 13 smoke sticks
- Versatile application - depending on FCA type, calibres up to max. 120 mm can be suspended
- The AHL adapts to the production speed of the clipper
- Discharge buffer for loaded sticks (max. 8 sticks)



- Products can be removed from the process at any time at the touch of a finger to check the weight
- Hanging sticks which deviate from the "ideal straight" by more than 10 mm are removed by the system automatically
- Hygienic design:
 - robust and compact design
 - stainless steel
 - easy cleaning without uncoupling from the FCA
- Easily accessible for servicing
- Convenient to manoeuvre on 4 wheels, and height-adjustable
- Dedicated controller in waterproof control box communicates with clipper and stuffer

Optional equipment

- Basket for reject rails

Function and operation

The AHL is connected mechanically and electrically to an FCA. The hanging sticks are loaded manually and are then automatically taken by the AHL, measured and brought to the loading position. A special finger takes the product loop from the separators of the FCA. The product is transported to the end of the conveyor and taken over by the AHL. The products

are placed automatically on the smoke stick at preselected intervals. When the smoke stick is loaded, it is moved to the discharge buffer while the AHL places another empty in the loading position. By using the storage rack a buffer of 8 sticks is available. The hanging sticks are placed manually on the smoking cart.

Technical data

Length:	1550 mm
Width:	620-840 mm
Width w. storage rack:	1400 mm
Height:	1230-1400 mm
Weight:	280 kg
Weight w. storage rack:	360 kg
Voltage:	400 V
Power consumption:	2 kW
Fuse rating:	16 A
Compressed air:	6 bar/0.6 MPa
Air consumption:	3.5 NL/stick