

FCHS 80

Clipping/Hanging Machine



innovative · reliable · leading

poly-clip[®]
SYSTEM

- Machine combination for clipping with simultaneous looping and automatic hanging and positioning on the smoke stick
- Efficiency increase for smaller and medium production volumes
- Very easy coupling
- Calibre range 38 – 65 mm, and up to 105 mm when used as single machine

Applications

The clipping/hanging machine efficiently combines four processes in a way which saves on manpower: clipping with simultaneous looping and hanging and positioning on the smoke stick. The looped products are thus continuously hung and positioned on the smoke stick. Conventional metal smoke sticks suitable for automation are used. The FCHS 80 positions up to 40 loops per minute. The combination offers high flexibility in production; with little manual intervention it is uncoupled and the FCA can also be used as a single machine for large calibres and rings.

Advantages

- Productivity increase from 15 to 20% with simultaneous cost-saving of one worker through automatic operation
- FCA with special separator factory-optimised for the FCHS 80
- Additional adjustment of products centred on the smoke stick
- Also add-on conveyor extension, when used as single machine
- Simple technology and low space requirement, as work table is smaller than normal
- Control via controller board; drive via servo frequency converter
- Easy adjustment, coupling and uncoupling

- Stick length 1,000 mm
- Single weight per loop from 0.2 to max. 1.5 kg
- Product length including loop up to 650 mm
- Smoke stick magazine, manual single front loading
- Number of loops per stick between 6 and 20, depending on calibre
- Discharge buffer for 6-12 loaded sticks
- Hygienic design in stainless steel for fast and thorough cleaning
- Maintenance- and service-friendly with few wear parts
- Numerous further advantages of the FCA 80

Optional equipment

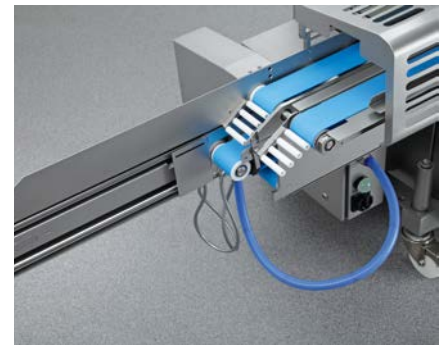
- Loop end sensor

Combinability

ES 5000 – Labelling system for identification and tracing


Function and operation

The clipping/hanging machine FCHS 80 combines the FCA 80 and the hanging unit. The portions are closed with clips and simultaneously looped. A special finger takes the loop directly from the separating area of the FCA 80 and automatically positions the product on the smoke stick. When the stick is full, it is moved to the discharge buffer, while another empty is positioned for further loading. Automatic product hanging increases the product output and saves on manpower.



Add-on conveyor extension, when used as single machine

Technical Data*

Width:	2,820 mm
Depth:	1,729 mm
Height:	1,960-2,110 mm
Weight:	630 kg
Three-phase current connection:	200-230 VAC, 380-460 VAC
	50/60 Hz
Power input:	6 kW
Fuse connection:	16 A
Compr. air:	5-7 bar/0.5-0.7 MPa
Air consumption:	2.5 NL/cycle
R-ID clips:	M, L
R-clips:	15, 18
Spreading:	26, 30, 36 mm
*incl. FCA	
Stick profile:	
Diameter:	26, 28, 30 mm