

FCHL

AUTOMATIC CLIPPING/ HANGING MACHINE



Poly-clip System Exclusive Features

The star indicates features that you will only find at Poly-clip System.

- ★ No one else has it: 4-in-1 monoblock (clipping, loop setting, hanging, positioning)
- ★ No one else has it: Product damping for perfect positioning

Why work with FCHL?

The FCHL ensures continuous production and therefore an increased output rate. The automatic double-clipper with integrated hanging line efficiently combines four processes in a way which saves on manpower: clipping with simultaneous looping, hanging the loop and positioning (suspension) on the smoke stick.

25 % productivity increase

- Automatic Clipping/Hanging Machine for looped products
- Efficiency increase thanks to a marked manpower reduction and higher throughput on the filling line
- Calibre range 38 to 100 mm
- Up to 100 loops per minute
- High-precision product spacing for cooking, maturing etc.
- Plug-and-play (no need to align clip machine/mount)

Excellence in Clipping



DETAILS

Advantages

- Optimum smoke stick loading for maximum utilisation of smoking and cooking plant capacity
- Output increase by up to 25 % and at the same time cost savings of up to 37 % on man - power as a result of the automatic, continuous loading of smoke sticks
- High production reliability
- Optionally with clip head FCA 160 or FCA 120
- Twin turret with swivel horns and 90° pivot point
- Automatic looper GSA 20
- Sensors for loops and casing end
- Product setting
- Consumption-oriented central lubrication for maximum reliability and service life
- PC control
- Simple machine operation with SAFETY TOUCH – shock-proof, 10" large and easy to clean
- Smooth production start-up after coupling to the filler
- Metal or plastic smoke sticks suitable for automation at up to 34 mm are used
- Stick length from 800 to 1,250 mm
- Maximum single weight per loop 3.5 kg, minimum weight 0.2 kg (depending on the process)
- Length of single chubs up to 650 mm, length of chains up to 850 mm, including loop
- Manual stick feed up to 25 empty sticks, front loading
- Number of loops per stick (logs or chains), between 6 and 29 pieces, depending from stick length and calibre
- Number and position of loops per stick retrievable from recipe management
- Discharge buffer for 6 to 12 loaded sticks, depending on the calibre
- Highly dynamic, energy-efficient servo drive, infinitely adjustable speed



DETAILS



Quality and hygiene

- Construction and design compliant to EC Machinery Directive 2006/42/EG
- Hygienic design in stainless steel for fast and thorough cleaning, large maintenance access flaps, inclined surfaces
- Robust and compact design for constant load

Maintenance


- Maintenance- and service-friendly with few wear parts
- Clip head is stationary, special position for maintenance work

Equipment options

- Aluminium spindle
- Discharge buffer for automatic removal with ASL-R
- GSA comfort slide-out
- Smoke stick magazine, manual stick feed, rear-loading, up to 60 sticks
- Loop setting for precise positioning at high speed
- Automatic product setting, parameters retrievable from recipe management

- Sanitary catch bin
- CIP system for machine spindle and conveyor
- Interior LED lighting
- Remote maintenance module
- Intelligent Filler Clipper (IFC) Interface upon request

Consumables

- R-ID-Clip (FCA 120): S, M R-ID-Clip (FCA 160): M, L
- Loops: GS 20 X
- Stick profiles: 

Function and operation

While the portion is closed with clips and the loop is set, a special finger takes the product loop directly from the separating area of the clipping machine and positions the product automatically on the smoke stick. When the stick is full, it is moved to the discharge buffer, while another empty stick is positioned for further loading. Meanwhile, the production is running continuously.

TECHNICAL DATA

Width

**3.910 –
4.310 mm**

Depth

1.385 mm

Depth with discharge buffer

1.755 mm

Height

**1.915 –
2.090 mm**

Weight

1.950 kg

Three-phase current
connection

**200 – 240 VAC,
380 – 460 VAC,
50/60 Hz**

Power input

12,5 kW

Fuse connection

32 A

Compressed air

**5 – 7 bar/
0,5 – 0,7 MPa**

Air consumption

1,5 NL/Cycle

Spreading (FCA 120)

26, 30 mm

Spreading (FCA 160)

26, 30, 36 mm

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

Excellence in Clipping

