

FCHM

CLIPPING/HANGING MACHINE



Why work with FCHM?

The hanging unit FCHM with an FCA 100 combines four processes in a way which saves on manpower: clipping with simultaneous looping, hanging the loop and positioning (suspension) on the smoke stick. The combination offers high flexibility in production. Loop products are hung on the smoke stick without interruption. And with a few simple steps, the hanging unit is decoupled and the FCA can be used as a stand-alone machine for large calibres and long products.

Save up to 20%

- Automatic Clipping/Hanging Machine for looped products
- Efficiency increase thanks to manpower reduction and higher throughput on the filling line
- Efficiency increase for smaller and medium production volumes
- Calibre range 35 to 65 mm
- Up to 40 loops per minute

Excellence in Clipping



FCHM-M

CLIP-/AUFHÄNGE- MASCHINE



NEU

★ Clipping and hanging – more compact, faster, smarter

Unlike the FCHM with a separate double clipper, the clip head of the FCHM-MB is fully integrated into the machine. This offers several advantages:

- **No alignment required**
Thanks to the fully integrated clip head, there's no need to align the clipping machine with the hanging unit – saving time and reducing potential sources of error.
- **Minimal installation effort**
The FCHM-MB requires only power and air connections, making commissioning particularly straightforward and reducing space requirements.
- **Cost-efficient solution**
Without a separate clipping machine, the FCHM-MB offers an especially attractive price-performance ratio – ideal for cost-conscious production environments.
- **Processing of round bars possible**
Round bars can now also be processed – significantly expanding your range of applications.

DETAILS



Advantages

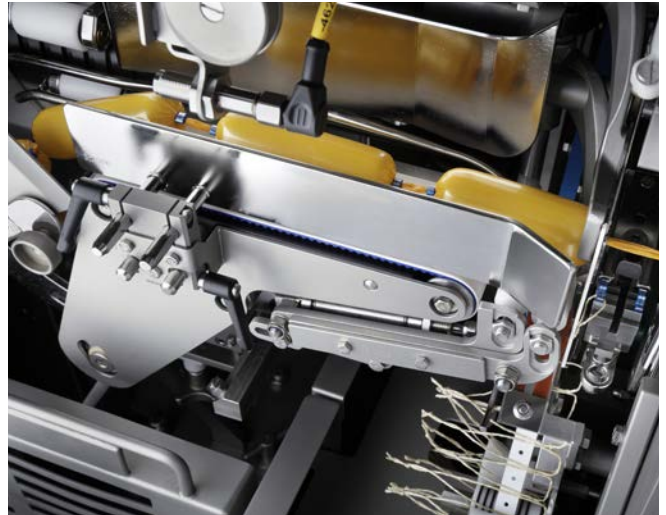
- Productivity increase from 15 to 20 % with possible cost-saving of one worker through continuous automatic operation
- FCA with special separator factory-optimised for the FCHM
- Sticks suitable for automation are used
- Optimum stick loading for maximum utilisation of smoking and cooking plant capacity
- Output increase by up to 20 % and at the same time cost savings on man - power as a result of the automatic, continuous loading of sticks
- Automatic looper GSA 20
- Additional adjustment of products centred on the stick
- Remove single portion from chain
- High production reliability
- With clip head FCA 100 or FCA 140
- Consumption-oriented central lubrication for maximum reliability and service life
- PC control; product parameters are retrievable from recipe management
- Smooth production start-up after coupling to the filler
- Metal or plastic sticks suitable for automation at up to 34 mm are used
- Stick length from 800 to 1,100 mm
- Maximum single weight per loop 1.5 kg, minimum weight 0.2 kg (depending on the process)
- Length of single chubs up to 600 mm, length of chains up to 750 mm, including loop
- Manual stick feed up to 15 empty sticks, front loading
- Number of loops per stick (logs or chains), between 6 and 28 pieces, depending from stick length and calibre – only with automatic off
- Number and position of loops per stick retrievable from recipe management
- Highly dynamic, energy-efficient servo drive, infinitely adjustable speed
- Discharge buffer for up to 6 loaded sticks

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

Maintenance

- Maintenance- and service-friendly with few wear parts
- Centralized lubrication strip for easy and fast maintenance



Equipment options



- Sanitary catch bin
- Loop setting
- CIP system for machine spindle and conveyor
- Product assistance for weakly filled products – roller that shifts into the separator area during the filling process
- Interior LED lighting

Possible combinations

ES 5000

- Labelling system for marking and traceability

Consumables

- R-ID Clip (FCA 100): S, M
- Loops: GS 20
- Stick profiles:  



the hanging unit is decoupled in just a few simple steps and the FCA is ready for stand-alone operation. If the FCA remains in the identical position, the hanging unit can be repeatedly coupled in a few minutes and is ready for hanging operation without renewed adjustment.

Function and operation

The FCHM can be connected to a double clipper FCA 100 or FCA 140. The portion is closed with a clip and the loop is set at the same time. A special finger takes over the loop directly in the separator area of the FCA 100 and automatically hangs the product on the smoke stick. Due to the precise hanging, full use of the capacities for further thermal treatment is possible. This combination of hanging unit and FCA offers high flexibility in production;



TECHNICAL DATA INCLUDING FCA

Width

**3.522 –
4.212 mm**

Depth

1.587 mm

Height

**1.975 –
2.150 mm**

Weight

1.550 kg
Three-phase current
connection
**200 – 240 VAC,
380 – 460 VAC,
50/60 Hz**

Power input

6 kW

Fuse connection

16 A

Compressed air

**5 – 7 bar /
0,5 – 0,7 MPa**

Air consumption

1,5 NL/Cycle

Spreading (FCA 100)

26, 30 mm

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

Excellence in Clipping
poly-clip[®]
SYSTEM