IFC

Intelligent Filler Clipper Interface

Up to 10 % higher output

- Easy operation and product parameter setting for reliable start of production
- Reduced mechanical wear due to controlled overlap of portioning and clipping cycles
- For Poly-clip System's Automatic Double-Clippers with PC control „IFC ready" and Handtmann Vacuum Fillers VF 800 series

Why work with IFC?

A process-safe production start without blasted sausages and maximum production speed, adapted to the product, is achieved with the use of the Intelligent Filler Clipper IFC interface. The innovative software enables clear communication in real-time signals.

Advantages

- Up to 10 % higher output due to digital data and signal exchange between automatic double-clipper and filler
- Double-clipper and filler automatically synchronize
- Interface link via Ethernet filler plug and filler cable X46
- Automatic plausibility check of the settings for high process reliability
- Weight correction by HCU or trend control is automatically adopted in the display of both machines
- Increased process reliability, no blasted sausages
- Line is controlled by three product parameters only: filling volume, filling speed and filling caliber
- Easy handling; product parameter's can be entered at the double-clipper's SAFETY TOUCH
- Operator controls the output with only one parameter – the filler start timing – the speed of the clipping machine is automatically adjusted
- Due to the recipe in SAFETY TOUCH control (also HCU via filler) the clipping machine is integrated in the customer's network
- Easy and quick adjustment for product change; the adaption is carried out simultaneously and

IFC

Intelligent Filler Clipper Interface

synchronized between double-clipper and filler
- Record number resp. article number must be identical on both machines, product parameters are retrievable from both machine controls
- Reliable and easy settings for new products – even for continuous mode
- Reduced mechanical wear – the machine-friendly continuous mode is activated as soon as possible (depending on the product)
- Reduced noise when continuous mode is activated
- Continuous mode maximum caliber range with the FCA 120 up to 70 mm, with the FCA 160 up to 100 mm

Function and operation

The automatic double-clipper is connected mechanically and synchronized electrically to a filling machine. The communication of signals and data between double-clipper and vacuum filler is realized with only one cable, the Ethernet external device plug X46. In this product data is forwarded from the automatic clipper's SAFETY TOUCH to the filler and checked. Thereafter, the calculated data (filling/portioning time) are returned from filler to clipping machine. The double-clipper calculates the basic data for a safe start, i.e. the portioning point is automatically determined according to the opening of the separator. This balancing is also possible with small calibres, which are produced at high speed, e.g. mini-portions. Control of the line takes place only on the three parameters filling quantity, filling speed and filling diameter. Parameters need to be entered and saved directly at the vacuum filler for special functions:
Metal detector, variable weights, trend control through checkweigher, HCU, line-mode/remote control, preselect of volume/ weight adjustment and for monitoring functions. When using the IFC interface the clipping machine and vacuum filler work as often as possible in the low-wear and thus machine-conserving continuous mode. Automation and ease of handling guarantee higher product output and cost savings and thus the maximum efficient use of machinery.

Poly-clip System GmbH & Co. KG
Niedeckerstraße 1 • 65795 Hattersheim a. M. • Germany
Tel. +49 6190 8886-0 • contact@polyclip.de • www.polyclip.com

Excellence in Clipping

poly-clip® SYSTEM