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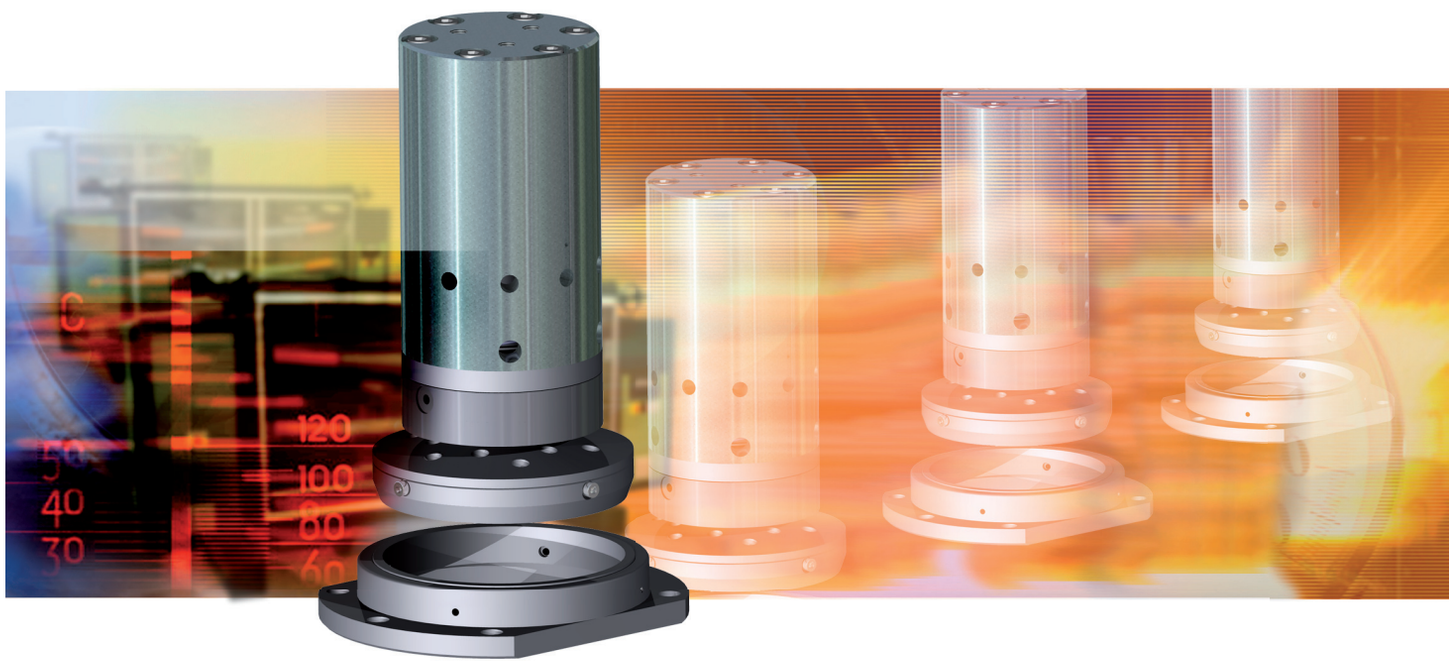
SAMPLECUT FSC-12

Online sampling



Sampling at maximum line-speeds

Increases the efficiency of production machinery

Robust, simple construction

Measurement

Control

Automation

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SAMPLECUT FSC-12

Sample cutting online – without having to stop the machine

The problem

Sampling online

To monitor the progress of certain processes there is no alternative but to take frequent samples at the machine itself. However, this can only be done whilst the material is at a standstill or running slowly, and often leads to all manner of ambitious, sometimes absurd measures to enable the process to run continuously (non-stop batching, etc.).

The solution

With the recently designed SAMPLECUT FSC-12, Mahlo offers a solution to the problem. The tried and tested SAMPLECUT FSC-12 appliance cuts samples from the high-speed product, and comprises in essence:

- Circular blade
  Ø: 112,8 mm; A: 100 cm²
  Ø: 159,6 mm; A: 200 cm²
- Pneumatic unit
- Sample chute
- Control panel
- Switch panel

Layout and options:

The SAMPLECUT FSC-12 can be installed for example at a convenient place at the delivery end of a stenter. The pneumatics work at high pressure and press the circular blade through the material and against a counter block, all in a fraction of a second. The sample is punched out and fed via the sampling device to the operator end.

Control panel

The operator need only press a button to release the sample via the control panel.

Benefits at a glance

- Takes samples from online materials
- No downtimes as a result of sampling
- Simplicity itself to operate
- Increases productivity
- Ensures a more efficient use of processing machinery