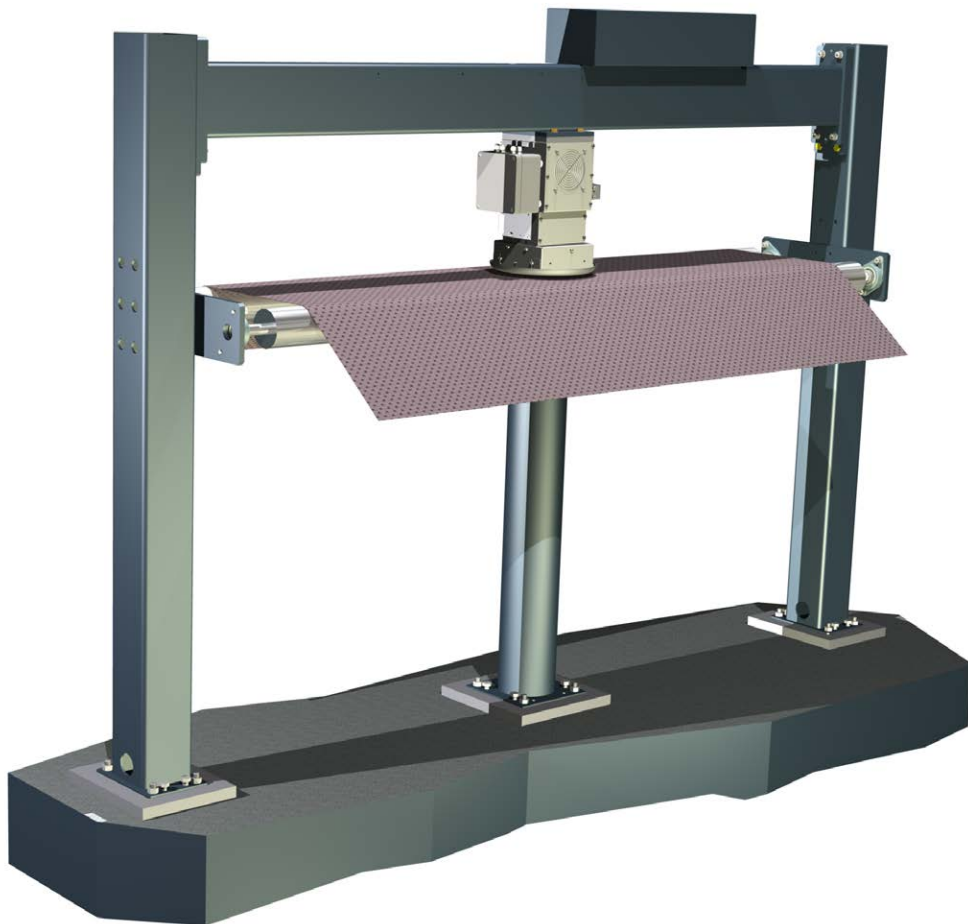


SAMPLECUT FSC-12

On-line sample cutter

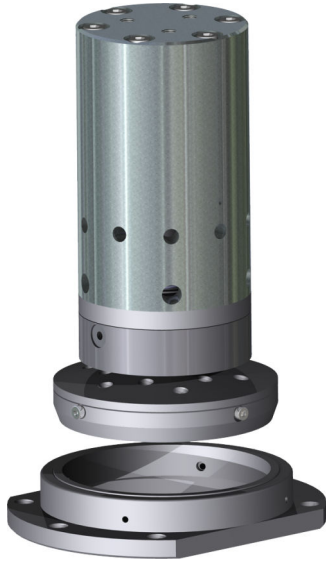


SAMPLECUT FSC-12



SAMPLECUT FSC-12

Area of application



Principle of operation

Sample cutting online – without having to stop the machine



Customer benefits

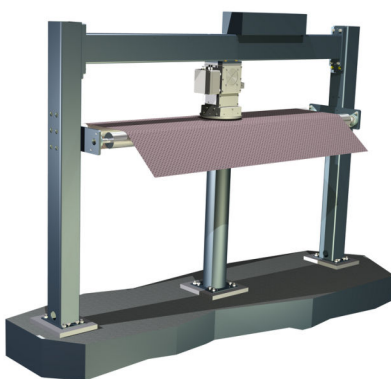
- ✓ Takes samples from online materials
- ✓ No downtimes as a result of sampling
- ✓ Simplicity itself to operate
- ✓ Increases productivity
- ✓ Ensures a more efficient use of processing machinery

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.).

Mahlo offers the solution to this problem with the Samplecut FSC. The Samplecut FSC system is installed e.g. at the outlet of the stenter frame at a suitable point. The pneumatic unit operates at high pressure and presses a circular knife with a diameter of 200 cm² through the fabric against a counterpart in a fraction of a second. The pattern is punched out and is guided to the operating side via the sampling device.

Advantage: An exact 100 cm² pattern can be cut from the sample in the laboratory.

Equipment



Product highlights

- ✓ Sampling at maximum line-speeds
- ✓ Punching in fractions of a second
- ✓ Increases the efficiency of production machinery
- ✓ Robust, simple construction

The tried and tested Samplecut FSC appliance cuts samples from the high-speed product, and comprises in essence

- Circular blade (A: 200 cm²)
- Pneumatic unit
- Sample chute
- Control panel
- Switch panel

Control element

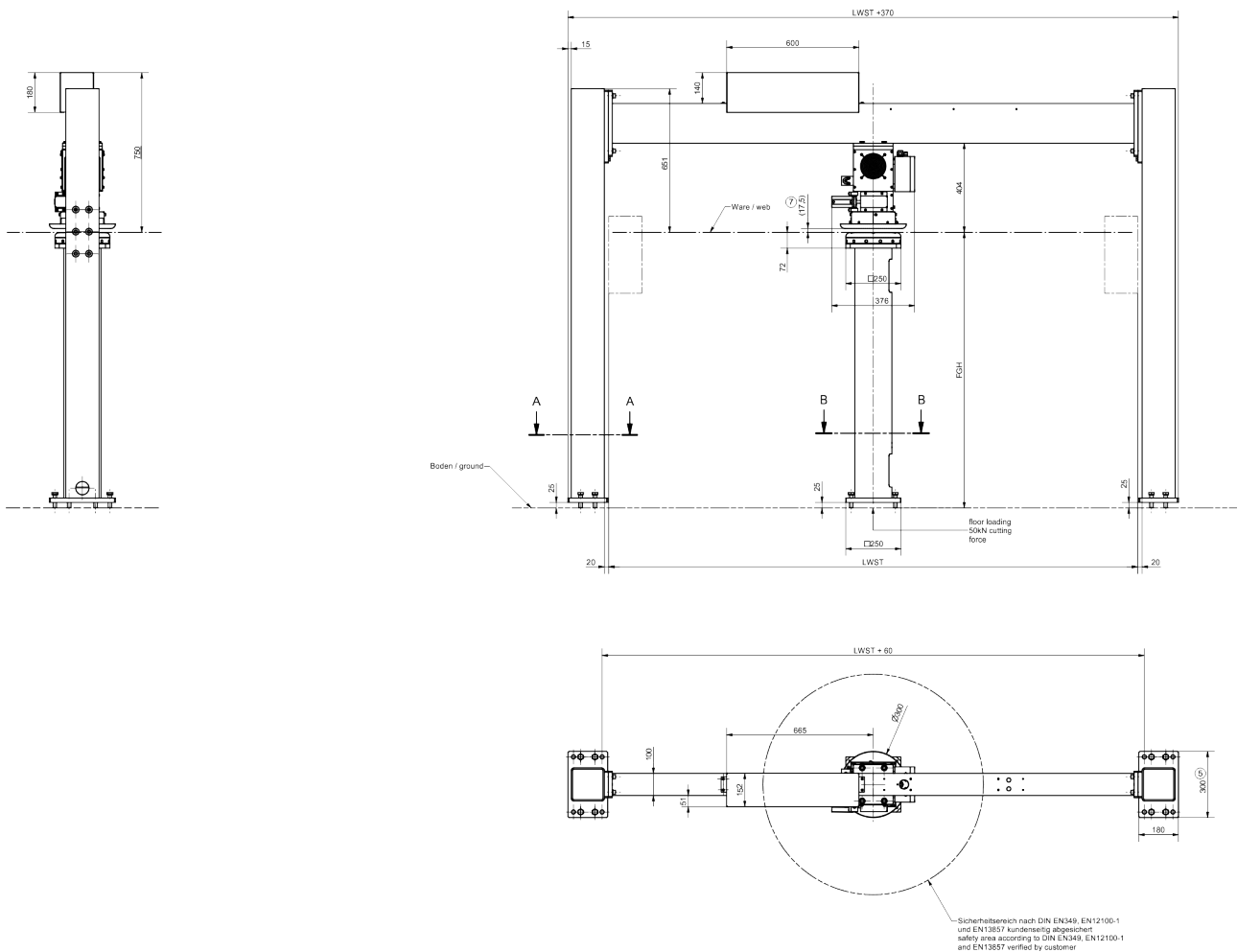
The operator need only press a button to release the sample via the control panel.

TECHNICAL DATA

Angabe	Wert	Einheit
Measuring principle	Fixed sample cutter	
Size Samples ¹	200	cm ²
Power supply	230 / 400	VAC
Line frequency	50 / 60	Hz
Power supply	5 - 45	°C

1) other dimensions possible on request

Dimensions



Samplecut FSC-12 (91-014654-006)

Monitoring and control systems, automation

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