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PELLETIZING & PULVERIZING SYSTEMS ›
› STRAND PELLETIZING

SGS 25-E4

Lab pelletizer

SCHEER

The extremely compact and robust lab pelletizer SGS 25-E4 is based on the proven technology of the SGS E-series. It features many of the functions and advantages of its popular „big brother".
On a laboratory scale, real full-scale trials can be carried out with the SGS 25-E4. Two independently-controllable drives permit infinitely adjustable length of the pellets.

Your benefits

- For 1:1 production trials in the laboratory
- Steplessly variable pellet length (0,5 – 12 mm)
- Access possible to the cutting chamber without using tools
- Parts subject to wear easily changed: rotor, upper and lower feed rolls
- Completely accessible for simple visual inspection and cleaning
- Maintenance-free bearing

SGS 25-E4 – for lab use

Specification and technical data (Engineering and accessories upon request)

Technical data:	
Working width	25 mm
Drive power	0.75 kW
Max. no. of strandsl	3 Ø 3 mm
Strand speed [1]	5.3 - 30 m / min
Throughput [2]	30 kg / h
cutting edges bed knife	4
No. of teeth cutter rotor	4, 6, 12
Max. RPM of cutter rotor	1,000 UPM / RPM
Noise level [3]	75 - 80 dB (A)

The limitation of use depends on the operating conditions. Please contact us for specific applications.
[1] Optional: Low strand speed ranges for meeting special lab requirements with low output.
[2] At 3 mm strand diameter, spec. gravity 1,0 g/cm^3, strand speed 30 m/min.
[3] Depends on product and strand speed. Technical Data are subject to change without notice.

Tool-free access and easy to clean cutting chamber design.

Advantages of simplicity
The simplicity of the SGS 25-E4 leads to low maintenance efforts for the benefit of laboratory usage.
If required an optional air knife can be installed infront of the infeed chute to dry off the strands.

Adjustable length of the pellets in the range of 0,5 up to 12 millimeters.

From the laboratory into the production
As a desktop machine the SGS 25-E4 can be placed on a laboratory bench with its rubber stands. For production purposes an optional baseframe on castors can be supplied. Existing machinery can be refit with the baseframe to transfer the cutter from the laboratory to a small scale production.

57_EN_2021/02

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