

SGS 600-L / SGS 800-L / SGS 1000-L

Strand Pelletizing System



The SGS series pelletizers are a development of the SCHEER company. The robust design, in conjunction with outstanding workmanship, makes the SGS series a top quality product in pelletizing technology. Some of the practical features which characterize these machines are dual-shell design, forced cutting of all strands, bearings outside the cutting area, variable speed drive. Series production of the individual elements facilitates a wide variety of combinations such that the SGS can be assembled to suit any individual application.

Advantages

- Short change-over time
- Easy handling
- High machine availability
- Favourable alternative compared with a spare cutter

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Specification and technical data (Engineering and accessories upon request)

Maintenance-free operation

The complete pelletizing chamber can be changed within a few minutes. This is a favourable alternative to changing individual components. The maintenance work at the pelletizing chamber can therefore be performed perfectly in the machine shop without any time pressure due to pelletizer downtime.

Easy on-line maintenance

The SGS pelletizers can be opened quickly (see picture). The whole interior can be inspected and easily cleaned. SCHEER has developed a special liner for the noise cover with a smooth and tear-resistant surface. Perforated sheets which may collect pellets are not used. All parts mounted above the base plate are made from non-rusting materials, including the noise cover. There is easy access to all parts which require maintenance, such as knives and feed rolls. These parts can be easily changed.



Technical Data:

Pelletizer Type		SGS 600	SGS 800	SGS 1000
Working width	mm	600	800	1000
Strand speed ¹	m/min	30-120	30-90	30-90
max. No. of strands ²	ca.	150	200	250
Power	kW	30	37	45
Type of drive		Inverter		
Product	Spec. Gravity (g/cm ³)	Throughput kg/h Pellet dimensions (mm), dia 3 x 3 long, Strand speed 90 n/min.		
PP, PE	0,90	5150	6870	8585
PA 11, P 12	1,00	5725	7630	9540
PMMA, GPPS, SAN, ASA	1,05	6010	8015	10015
HIPS, ABS	1,05	6010	8015	10015
PA6 n.e (Ø 2,5 x 2,5 mm long)	1,10	4665 160 Strands	6120 210 Strands	7725 265 Strands
PUR	1,10	6295	8395	10495
PA6.6	1,15	5920	7895	9870
PET, PBT, PC	1,20	6180	8240	10305
PET, PBT, PC, PA6.6, PA6 +15 - 50 & GF	1,30	5950	7440	9300

¹ Different strand speeds upon request ² Strand dia 3,0 mm, Strand speed ~ 70 m/min., Spec. gravity = 1