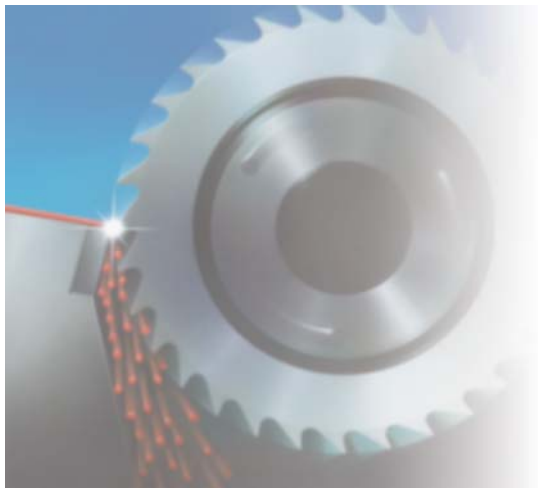


Strandpelletizers Series SGS



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.



Maintenance-free operation. No on-line maintenance



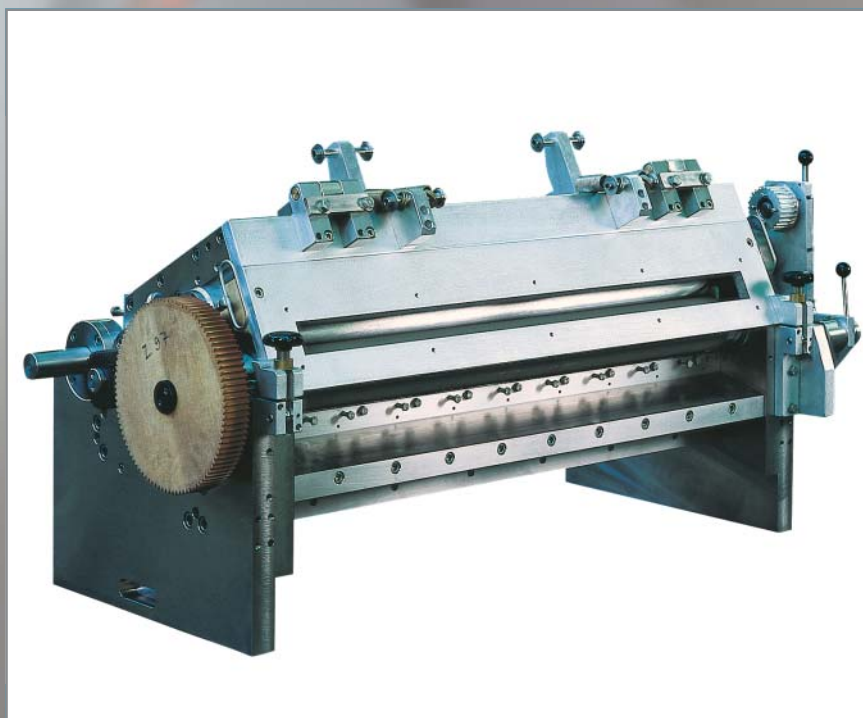
The complete pelletizing chamber can be changed within a few minutes. This is a favourable alternative to changing individual components.

The maintenance work at the pelletizing chamber can therefore be performed perfectly in the machine shop without any time pressure due to pelletizer downtime.

Advantages:

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

Cutting head with rotor, bad knife, upper and lower feed roll



Cutting head with rotor, bad knife, upper and lower feed roll



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.

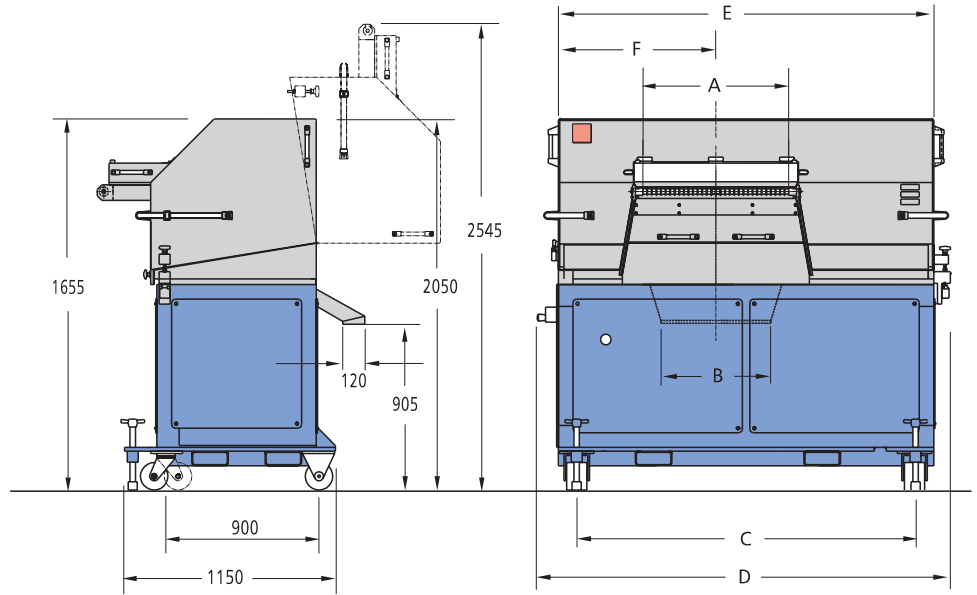
All parts mounted above the base plate are made from non-rusting materials, including the noise cover.



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	30-90	30-90	30-90
max. No. of strands ^②	ca.	150	200	250
Power	kW	30	37	45
Type of Drive		Inverter		

^① Different strand speeds upon request

^② Strand dia 3,0 mm; strand speed~70 m/min., Spec. gravity= 1

Product	Spec. Gravity (g/cm ³)	Throughput kg/h		
		Pellet dimensions (mm), dia 3 x 3 long Strand speed 90 m/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	1,10	4665	6120	7725
(dia 2,5 x 2,5 mm long)		160 Strands	210 Strands	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	1,30	5950	7440	9300
+ 15 - 50% GF				

Dimensions

A	mm	600	800	1000
B	mm	400	600	800
C	mm	1650	1850	2050
D	mm	2055	2255	2455
E	mm	1850	2050	2250
F	mm	760	860	960

Subject to change without notice