

Strand pelletizer

ips-SG-E 60/2 & ips-SG-E 130



Compact. Powerful. Efficient.

- Single-sided bearing of the cutting rotor and feed roller
- Draw-in and cutting width 60 mm or 130 mm
- Optimized for use in masterbatch production
- Excellent accessibility to the cutting area for cleaning and maintenance
- Optimized design for quick replacement of all wear parts
- Cutting area door made of robust cast aluminum
- Strand holder for optimum strand guidance in the draw-in section
- Separate drives for cutting rotor and feed rollers
- Electromechanical safety lock for the cutting area door
- Pneumatic pressure on the upper feed roller

Option: Online pellet length adjustment

Option: Infeed assistance for soft, elastic polymer strands

Option: Separate drive for the upper feed roller, allowing for the possibility
for using upper feed roller made of stainless steel

Option: Interface for integration into external control systems

Option: Classifier integrated into the machine frame

Option: Cutting area cooling

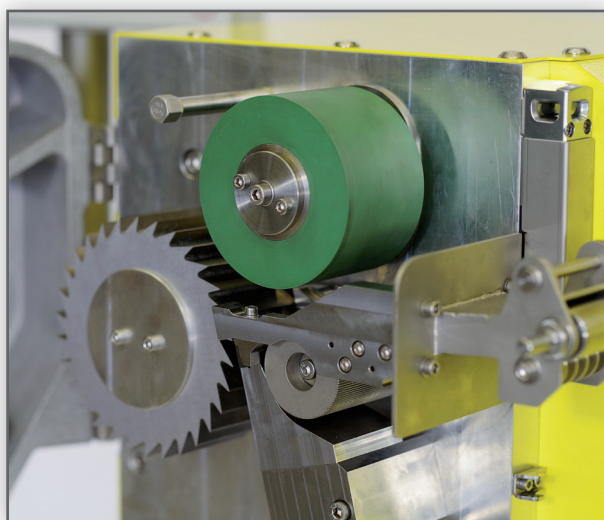
Option: Left or right-hand operation selectable at no extra charge

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Design details



Excellent accessibility to the cutting area for cleaning and maintenance work



Single-sided bearing of the cutting rotor and feed roller

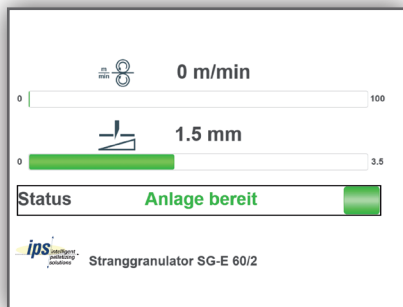


Robust control panel with control and display elements

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ips systems are available with numerous options and accessories. As your system provider, we will be happy to advise you on which options would be useful for your application.

Options & Accessories



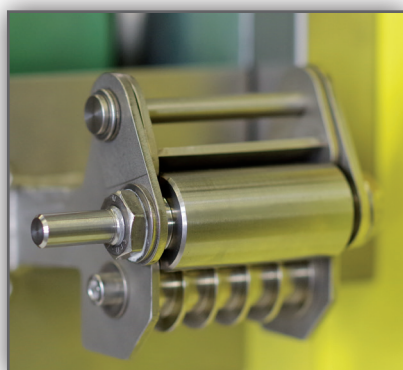
Online pellet length adjustment with advanced visualization



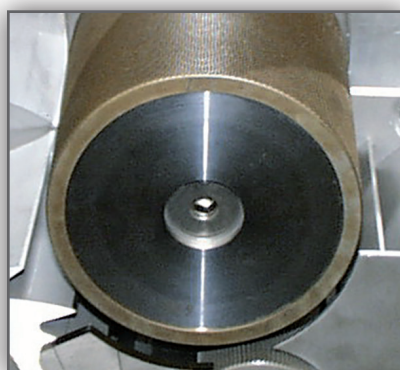
Cutting area cooling using compressed air



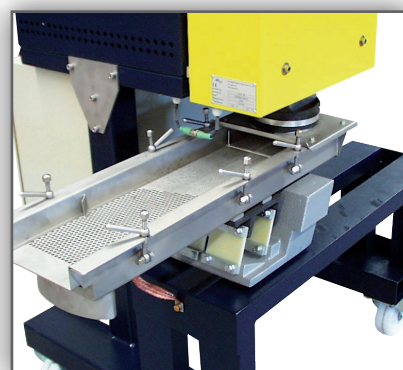
Standard: Pneumatic pressure on the upper feed roller



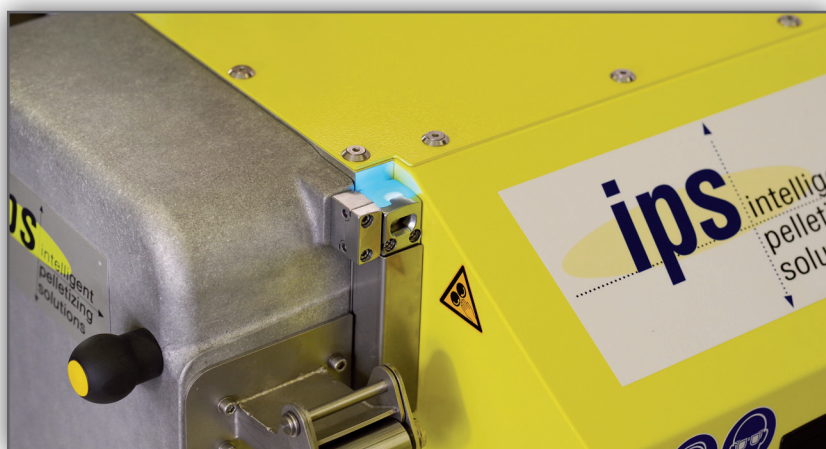
Standard: Strand holder for optimal strand guidance in the draw-in area



Driven upper feed roller made of stainless steel



Classifier integrated into the machine frame



Standard: Electromechanical locking of the cutting area door with optical signal



Standard: Adjustment of the feed roller gap during operation

Technical data

Size	ips-SG-E 60/2	ips-SG-E 130
Draw-in and cutting width (mm)	60	130
Drive	Three-phase motor with inverter; belt drive	
Drive power (kW)	1.5 – 4	2.2 – 5.5
Draw-in speed (m/min) with pellet length 3 mm	20 – 80	20 – 80
Max. number of strands with a strand diameter of 3 mm	13	30
Other	Standard pellet length: 3 mm or Optional stepless online pellet length adjustment from 1.5 to 3.5 mm	

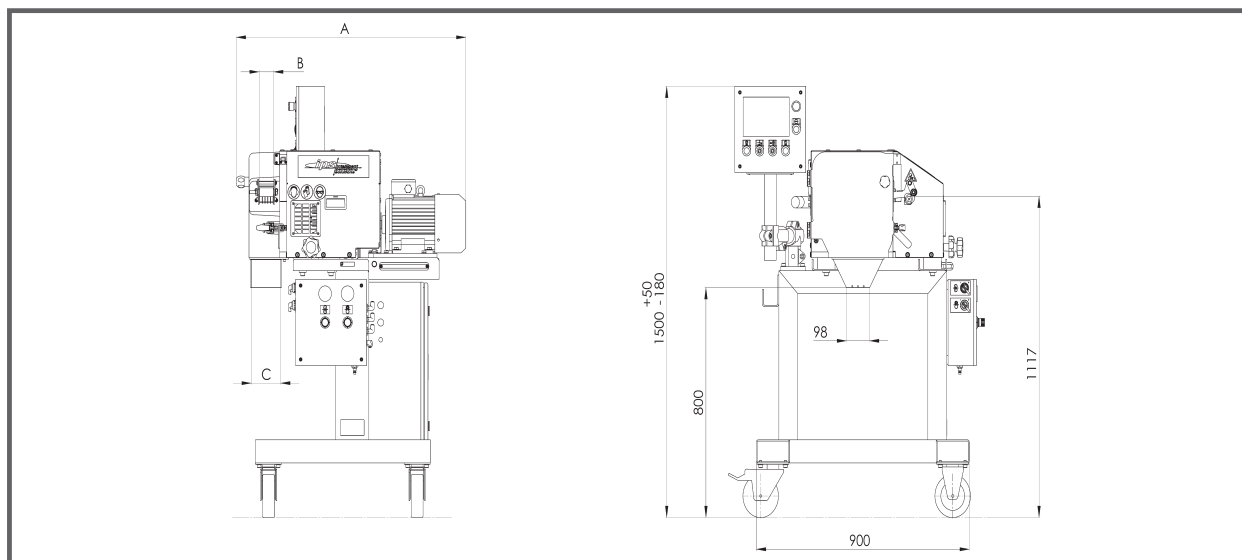
Throughput data

Size	ips-SG-E 60/2	ips-SG-E 130
PE, PP (kg/h)	300	770
PMMA, GPPS, SAN (kg/h)	350	1000
HIPS, ABS (kg/h)	350	1000
PBT, PET (kg/h)	320	770
PA 6 n.e (kg/h) (Pellet dimensions \varnothing 2.5 mm x length 2.5 mm)	220	580
PA 6.6, PC (kg/h)	300	770
PA 6.6, PET, PBT + 10 - 50 % GF (kg/h)	260	560

Throughput data depending on:

Pellet length, pellet diameter, draw-in speed, number of strands, drive power, cooling time before cutting, etc.

Dimensions



Size	ips-SG-E 60/2	ips-SG-E 130
A (mm) approx.	745	1020
B (mm) approx.	60	130
C (mm) approx.	90	201
Gewicht (kg) approx.	400	500

