

Strand pelletizer

ips-SG-E 60 / 110



- Cantilevered design of cutting and draw-in section
- Draw-in and cutting width 60 mm or 110 mm
- Optimized for use in Masterbatch production
- Good accessibility to the cutting area for cleaning and maintenance
- Sound insulation as standard
- Optimum value for money
- Separate drives for cutting rotor and feed rollers

Option: Online pellet length adjustment

Option: Infeed assistance for soft, elastic polymer strands

Option: Separate drive for upper feed roller, allowing for the possibility of steel feed rollers

Option: Interface for integration into external control systems

Option: Pneumatic pressure on the upper feed roller

Option: Classifier screen integrated into the machine frame

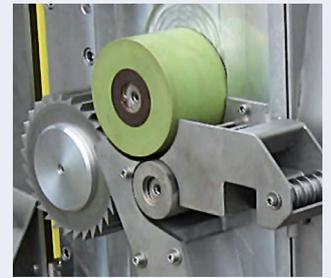
Option: Cutting area cooling

Option: Can be operated from the left or right

Design details



Good accessibility to the cutting area for cleaning and maintenance



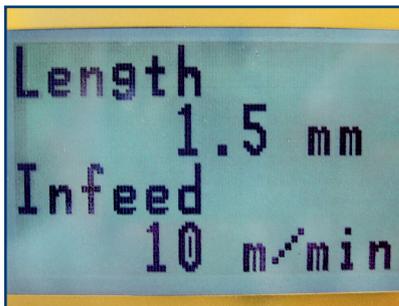
Cantilevered design of cutting and draw-in section



Robust, clear operating and display elements

Options and accessories

ips systems are available with a range of options and accessories. We will be happy to advise you on the systems we offer, and the additions that will be best for you.



Online pellet length adjustment



Infeed assistance for soft, elastic polymer strands



Pneumatic pressure on the upper feed roller



Option:
Online pellet length adjustment



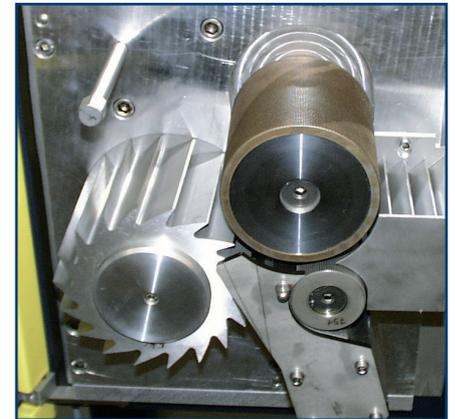
Option:
Driven upper feed roller



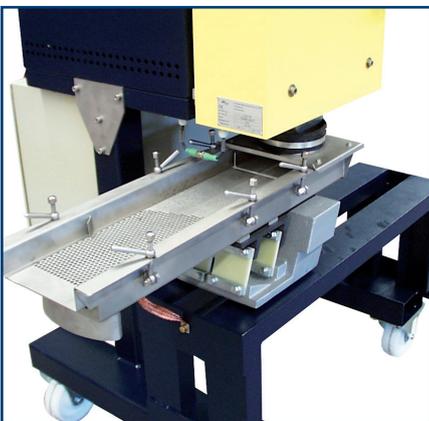
Option:
Operation from left or right



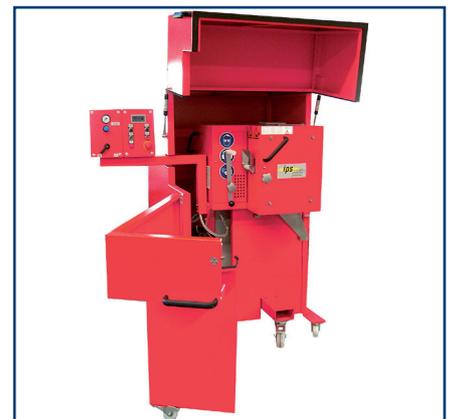
Cutting area cooling with cool-air volume throughput display



Driven upper feed roller of steel



Classifier integrated into the machine frame



Fully sound-insulated housing – ips-SG-E 110



Additional ips system components available (strand die head, strand cooling trough, strand dewatering, strand feed guide, classifier)



Option:
Interface for
data exchange



Option
Pneumatic pressure on
the upper feed roller

Technical data

Size	ips-SG-E 60	ips-SG-E 110
Draw-in and cutting width (mm)	60	110
Drive	Three-phase motor with inverter; belt drive	
Power (kW)	1.5 – 4	2.2 – 5.5
Draw-in speed range (m/min) <i>with a pellet length of 3 mm</i>	20 – 80	20 – 80
Max. number of strands <i>with a strand diameter of 3 mm</i>	13	24
Other	Standard pellet length: 3 mm or optional infinitely adjustable online pellet length setting from 1.5 to 3.5 mm	

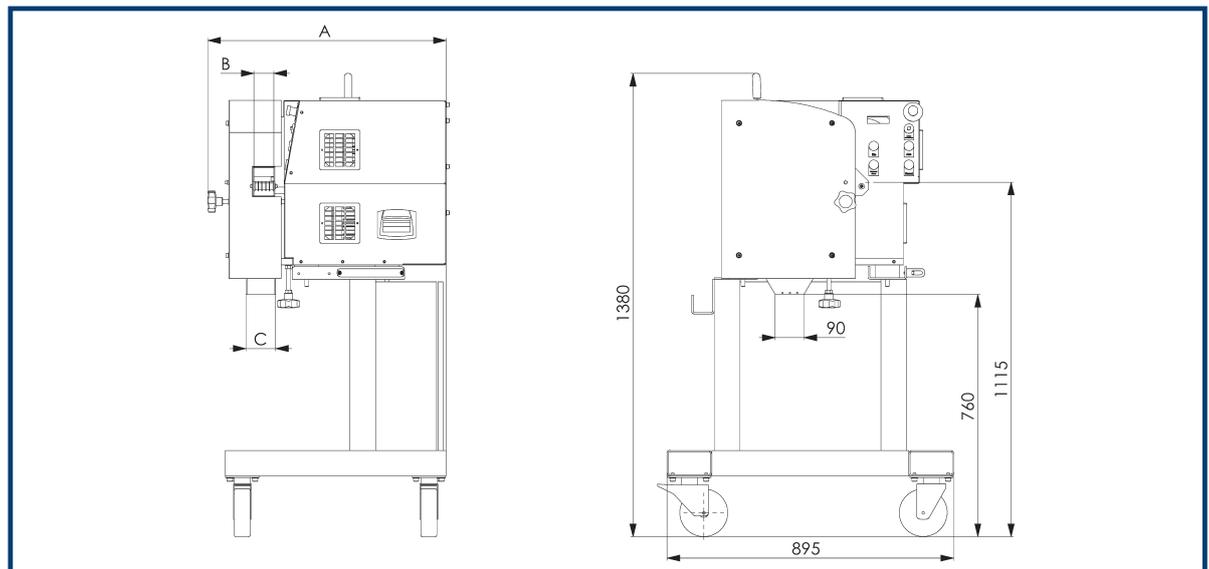
Throughput data

Size	ips-SG-E 60	ips-SG-E 110
PE, PP (kg/h)	300	550
PMMA, GPPS, SAN (kg/h)	350	600
HIPS, ABS (kg/h)	350	600
PBT, PET (kg/h)	320	550
PA 6 n.e (kg/h) <i>(Pellet dimensions ϕ 2.5 mm x length 2.5 mm)</i>	220	410
PA 6.6, PC (kg/h)	300	550
PA 6.6, PET, PBT + 10 - 50 % GF (kg/h)	260	400

Throughput data depends on:

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

Dimensions



Size	ips-SG-E 60	ips-SG-E 110
A (mm) approx.	745	795
B (mm) approx.	60	110
C (mm) approx.	90	140
Weight (kg) approx.	400	500

We reserve the right to make changes without notice. The illustrations may include options and accessories that are not part of the standard scope of supply.

