Strand pelletizer
ips-SG-E 60 / 110

ips *intelligent pelletizing solutions*

- 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

www.pelletizing.de

Design details

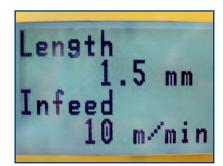**Good accessibility to the cutting area for cleaning and maintenance**

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
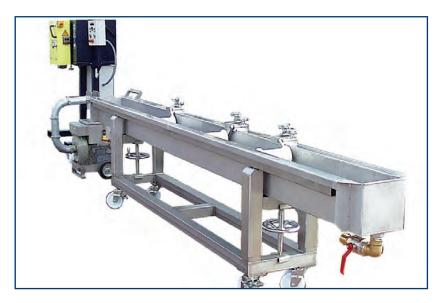with cool-air volume
throughput display

Driven upper
feed roller of steel

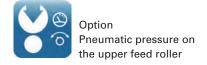Classifier integrated
into the machine frame

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

100% ips QUALITY

ips – We set great store by the highest quality
German mechanical engineering to ensure your success!

ips *intelligent pelletizing solutions*

Technical data

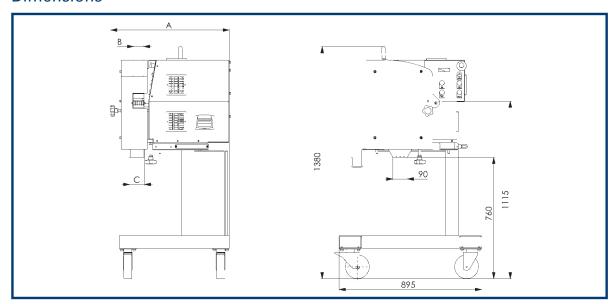| Size	ips-SG-E 60	ips-SG-E 110
Draw-in and cutting width (mm)	60	110
Drive	Three-phase motor with inverter; belt drive	
Power (kW)	1.5 – 4	2.2 – 5.5
Draw-in speed range (m/min) *with a pellet length of 3 mm*	20 – 80	20 – 80
Max. number of strands *with a strand diameter of 3 mm*	13	24
Other	Standard 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) *(Pellet dimensions ø 2.5 mm x length 2.5 mm)*	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