Strand pelletizer

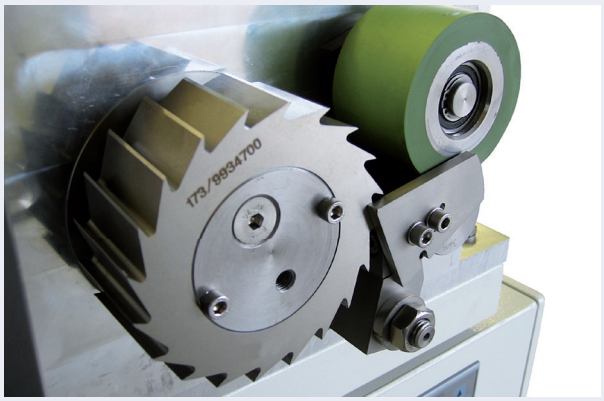
ips-SG-E 30 / Kombi

ips intelligent pelletizing solutions

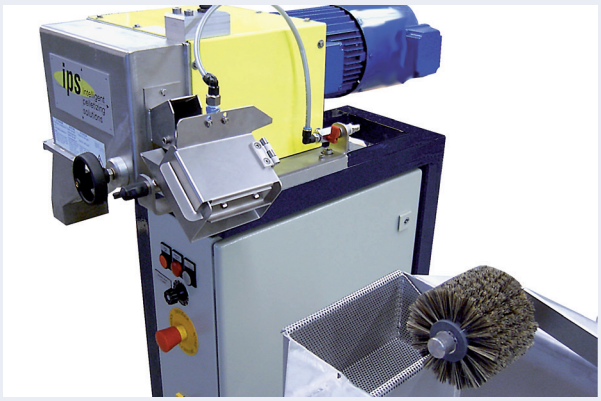
- Optimized for use in laboratories and/or small-batch production
- Draw-in and cutting width 30 mm for throughputs up to 150 kg/h
- Solid, compact design
- Clear design of the control panel – integrated in the switch cabinet
- Innovative, easy setting of the cutting gap
- Cantilevered design of cutting and draw-in section for optimum accessibility and cleaning
- Easy operation
- Available as ips-SG-E 30 Kombi strand pelletizer with strand cooling trough and strand drying

Option: Minimum draw-in speed from 1 m/min
Option: Pneumatic pressure on the upper feed roller
Option: Online pellet length adjustment
Option: Can be operated from the left or right
Option: Pneumatic door locking (instead of time-delay safety lock)
Option: Interfaces for signal exchange and remote control
Option: Can be adjusted to customers' requirements at any time

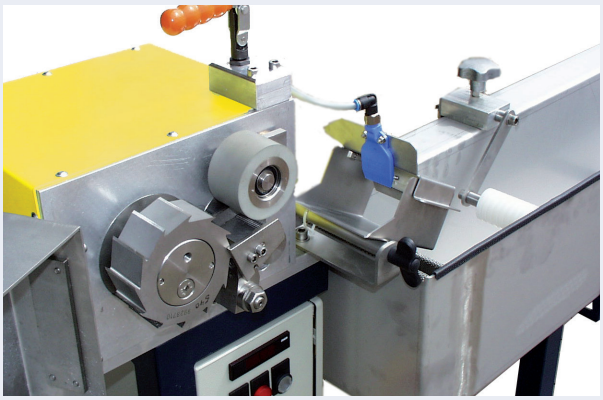
Design details



Cantilevered design of cutting and draw-in section



Strand feed guide with integrated strand dewatering by blowing (ips-SG-E 30 Kombi)



Low-deposit cutting area for fast product changeover (ips-SG-E 30 Kombi)

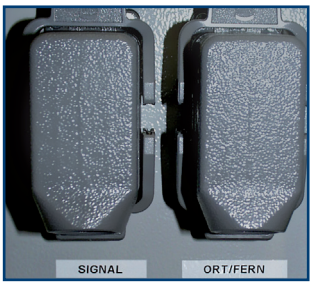
Clear operating and display elements

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.

Option: Online pellet length adjustment

Option: ips-SG-E 30 Kombi
Integrated strand dewatering by suction

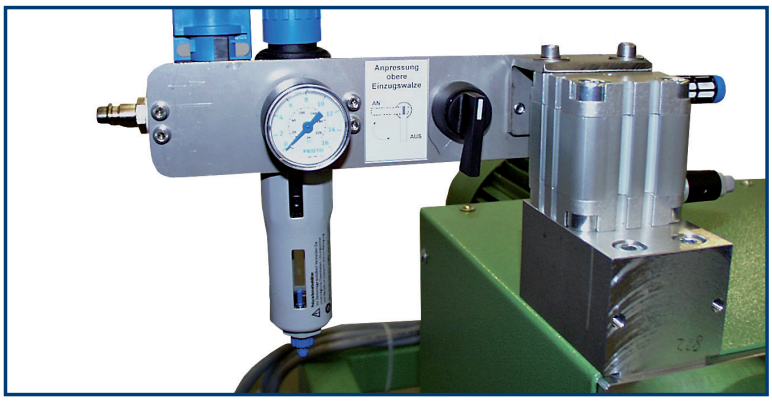


Option: Interfaces for signal exchange and remote control

Option:
Online pellet length adjustment

Option:
Operation from left or right

Options and accessories



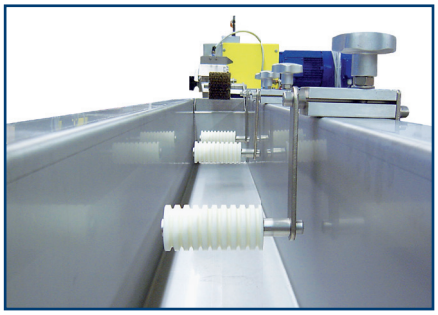
Option:
Pneumatic pressure
on the upper feed roller

Strand pelletizer Type ips-SG-E 30 Kombi

Strand pelletizer with integrated strand cooling trough 2 to 4 m in length with the option of efficient strand drying by blowing (standard) or suction;

Small dimensions and good accessibility – ideally suited to laboratory use and/or small-batch production;

The strand cooling trough can easily be decoupled – the ips-SG-E 30 strand pelletizer can be used as a stand-alone machine



All parts in contact with water are of stainless steel;
Strand guide rollers mounted on one side
for optimum accessibility and easy re-threading;
Very stable, thick-walled trough design;
Sub-frame can be painted, galvanized or stainless steel as requested

Technical data

Size	**ips-SG-E 30**	**ips-SG-E 30 Kombi**
Draw-in and cutting width (mm)	30	30
Drive	Three-phase motor with inverter	
Power (kW)	1.5	1.5
Draw-in speed range (m/min.) *with a pellet length of 3 mm*	20 – 80 Optional 5 – 55	20 – 80 Optional 5 – 55
Max. number of strands *with a strand diameter of 3 mm*	5	5
Other	Standard pellet length: 3 mm ***or*** optional infinitely adjustable online pellet length setting from 1.5 to 3.5 mm	

Option:
Interface for
data exchange

Option:
Pneumatic pressure
on the upper feed roller

Strand pelletizer ips-SG-E 30 / Kombi

100% ips QUALITY

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

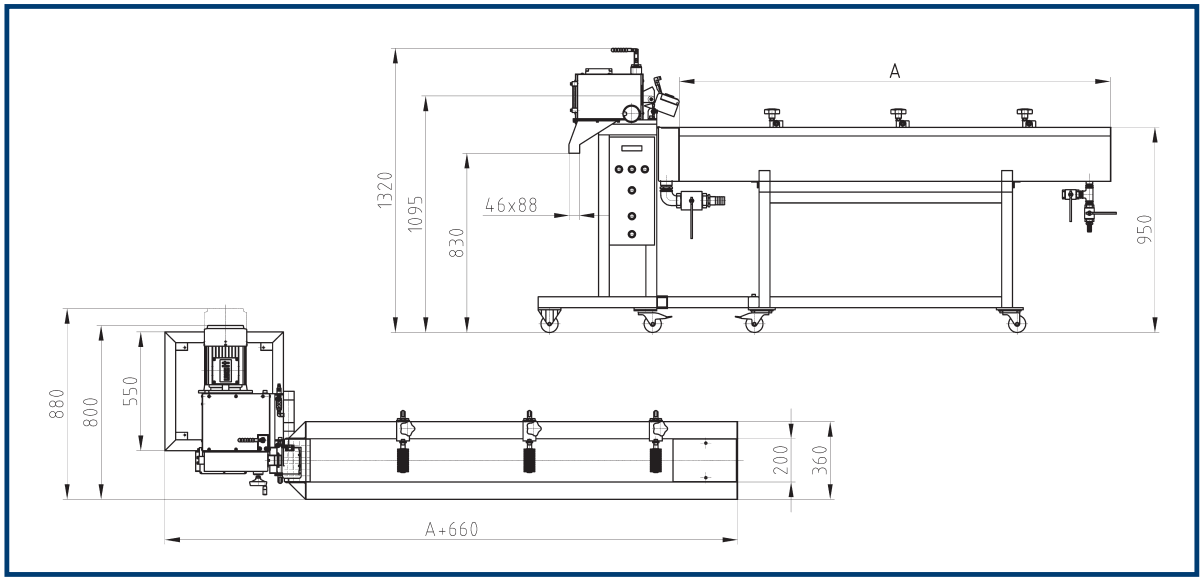
ips intelligent pelletizing solutions

Throughput data

Versions:	For production: max. draw-in speed 80 m/min; 5 strands	For the laboratory: min. 1 strand at 5 m/min max. 5 strands at 55 m/min
PE, PP (kg/h)	110	1 – 75
GPPS, SAN (kg/h)	130	2 – 85
HIPS, ABS (kg/h)	130	2 – 85
PMMA (kg/h)	150	2 – 100
PC (kg/h)	150	2 – 100
PET, PBT (kg/h)	150	2 – 100
PA 6, PA 6.6 (kg/h)	130	2 – 85
PA 6.6, PET, PBT + 10 – 50 % glass fibre (kg/h)	120	1 – 80
Thermoplastic elastomers (kg/h)	130	2 – 85
Masterbatch on the basis of engineering polymers from 40 % fill level (kg/h)	150	2 – 100

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 30	ips-SG-E 30 Kombi
Length A (mm) approx.	-	2,000/3,000/4,000
Length (mm) approx.	550	A + 660
Width (mm) approx.	800	880
Width of strand cooling trough (mm) approx.	-	360
Usable width of strand cooling trough (mm) approx.	-	200
Height of strand cooling trough (mm) approx.	-	950
Dimensions of pellet outlet (mm) approx.	88 x 45	88 x 45
Weight (kg) approx.	115	200/225/250
Height (mm) approx.	1,320	1,320
Height of strand intake (mm) approx.	1,095	1,095
Height of pellet outlet (mm) approx.	830	830

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.