

Strand conveyor

ips-SFB



- Cooling of the polymer strands by air and/or water – or a mix of the two
- Especially suited to the processing of highly filled and/or highly reinforced polymers
- Designed especially for the use of high-temperature polymers such as PEEK, PSU, LCP, etc.
- Stainless steel conveyor belt
- Height-adjustable strand conveyor

Option: Widths and lengths can be adjusted to suit your requirements

Option: Integrated process water system Type ips-PWS

Option: Enclosed strand conveyor

Option: Integrated suction box for connection to an ips-SA strand dewatering unit

Option: Comfort operation with recipe preselection – SPS and touch panel

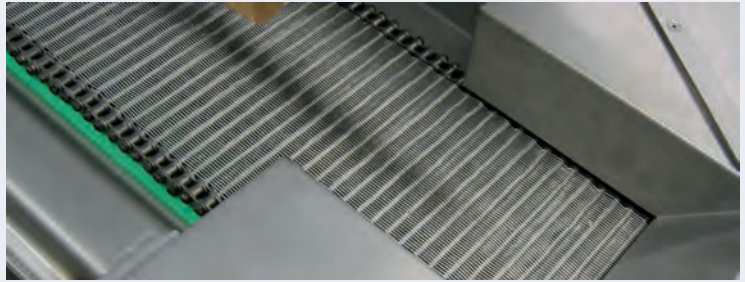
Option: Can be operated from the left or right

Option: Interface for data exchange

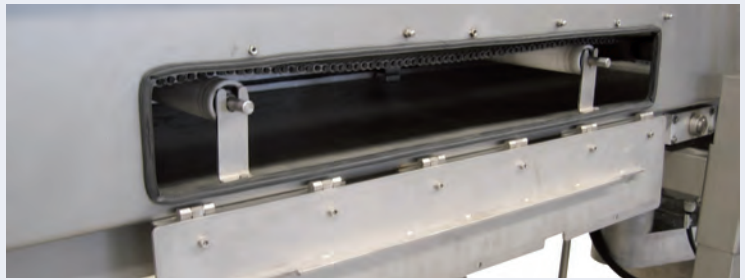
Design details



Independent height adjustment facilities, mounted both on the strand die head and pelletizer side of the machine sub-frame



Stainless steel apron belt. Robust and temperature resistant



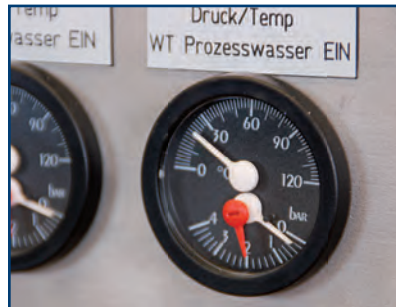
Optimum accessibility for operation and maintenance

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.



Process water system integrated into the machine sub-frame



Numerous process monitoring and documentation options



Water/compressed air cooling variants, tailored to suit the polymer and the process



Touch panel for ease of operation and transparent processes

Closed system with integrated water vapour extraction



**Option:
Operation from
left or right**



**Option:
Comfort operation**



**Option:
Interface for
data exchange**



Variants: Air flow cooling (speed-controlled fans)



Variants: Without housing – cooling by spray water and air flow (speed-controlled fans)



Variants: Water mist (pneumatic liquid spray diffuser) and air flow cooling (speed-controlled fans)



Variants: Spray water cooling only



Variants: Water mist (pneumatic liquid spray diffuser) and air flow cooling (speed-controlled fans) with dust filtering



Variants: Water mist (pneumatic liquid spray diffuser) and air flow cooling (speed-controlled fans) – with integrated process water system, housing and comfort operation panel

Technical data

Size	ips-SFB 250	ips-SFB 350	ips-SFB 450
Usable width A (mm)	150	250	350
Infinitely adjustable height on the strand die head side B (mm)	750 – 900	750 – 900	750 – 900
Infinitely adjustable height on the pelletizer side C (mm)	1,200 – 1,400	1,200 – 1,400	1,200 – 1,400
Length D (m) <i>Intervals of 0.5 m</i>	2 – 6	2 – 6	2 – 6
Max. Number of strands <i>with strand diameter of 3.0 mm and 10 mm spacing</i>	15	25	35
Power (kW)	1.5 – 3.0	2.2 – 4.0	3.0 – 5.5
Volume throughput of process cooling water (m³/h)	Adjusted in line with product and process parameters		
Volume throughput of process cooling air (m³/h)	Adjusted in line with product and process parameters		
Other	All SFB sizes move on castors		

Other sizes and designs available on request

Dimensions

