

Belt-Cooling Pelletizing System PFS

Automatic system for dry-cut strand pelletizing



The Belt-Cooling Pelletizing System PFS is specially designed for water soluble and brittle formulation. The variable system configuration enables a perfect adaptation to the product being processed. Even elastic and very flexible polymers can be handled by the belt system in a simple and efficient way. The system produces top quality cylindrical pellets which are ideal for further downstream processing.

Benefits:

- Rheologically designed die head tailored to the extrusion's formulation
- Simplified start-up by pneumatic intake
- Narrow distribution of particle size
- Homogeneous pellet shape featuring great flow-ability
- Quick and easy to clean
- Retrofitting to existing extrusion lines is possible
- Process data monitoring on touchscreen display
- Integration to a higher level DCS (Data control System) is possible

SIMPLY **BETTER** PELLETS.

Belt-Cooling Pelletizing System PFS

Automatic system for dry-cut strand pelletizing

Application areas:

- Production of micro-pellets to avoid milling
- For direct tableting or encapsulation
- Continuous operation or batch production
- Pelletizing of brittle and/or sticky formulations
- For pelletizing from an extruder or reactor vessel

Technical data

Technical Data	Series 30	Series 60	Series 120
Pump:	extrex® 20 GP	extrex® 22 GP	extrex® 36 GP
Specific volume:	1.3 cm ³ /U	4.7 cm ³ /U	25.6 cm ³ /U
Differential Pressure Δp :	max. 250 bar		
Temperature range:	30° to 200°C		
Die Head:	Series 50	Series 100	Series 200
No. of strands:	1-3	3-10	10-25
Cooling belt:	Series 250	Series 250	Series 250
Cooling belt length:	2,3,5 or 7 m		
Belt speed:	0.8-10 m/min or 8-80 m/min		
Pelletizer:	PRIMO 30	PRIMO 60	PRIMO 120
Throughput:	0.3-2 kg/h	2-20 kg/h	10-60 kg/h
Pellet size:	0.3-3 mm	0.3-6 mm	



Global contacts, see www.maag.com
Contact us at contact@maag.com

The data and illustrations refer to the date of printing. Necessary changes can be made at any time without special notice. Maag's products and processes are protected by IP rights.

FROM LAB TO LINE.