MAAG Group
a DOVER company

PELLETIZING & PULVERIZING SYSTEMS ›

› PHARMA

Belt-Cooling Pelletizing System PFS

Automatic system for dry-cut strand pelletizing

AUTOMATIK

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 flowability
- Quick and easy to clean
- Retrofitting to existing extrusion lines is possible
- Process data monitoring on touch screen display
- Integration to a higher level DCS (Data Control System) is possible

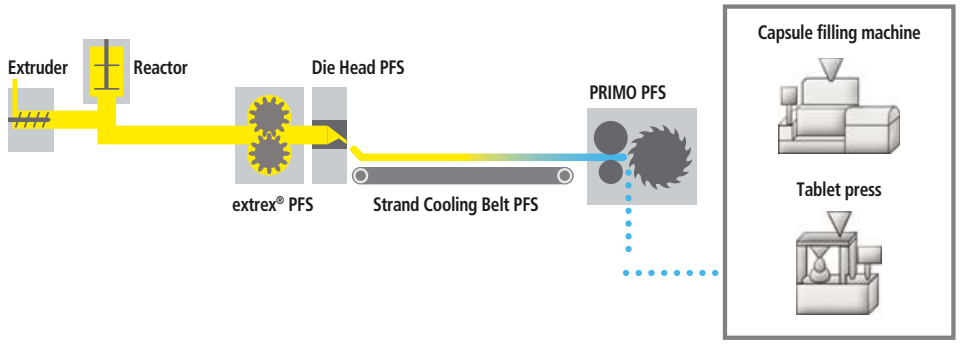
SIMPLY BETTER PELLETS.

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	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	

Data and illustrations refer to the date of printing. Changes may be made without special notice. Products and processes of MAAG are protected by patents.

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