

PELLETIZING SYSTEMS >

> PHARMA



Die Head PFS

For extrusion of carrier/active ingredient combination

 **AUTOMATIK**

Die heads are used in all strand pelletizing systems for extrusion of strand profiles. The Die Head PFS series has been specifically developed for applications in pharmaceutical processes. It is used downstream of single and dual screw extruders as well as after reactor vessels.

Benefits:

- Rheologically designed die head tailored to the extrusion's formulation
- Absolutely uniform and homogeneous melt distribution
- No separation or demixing of the components
- Short flow path ensures minimal dwell time of melt
- Low pressure drop
- Easy up-scaling; from the laboratory line to commercial production scale
- Compatible with all extruders and reactors

SIMPLY BETTER PELLETS.

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Application areas:

- Production of micro-pellets to avoid milling
- Continuous operation or batch production
- For strand extrusion from an extruder or reactor vessel
- Process monitoring by means of pressure sensors and temperature sensors
- Optional port for Near-Infrared-Spectrometer (NIR)

Technical Data	Series 60	Series 100	Series 200
Heating power:	1.2 kW	2.0 kW	3.0 kW
Temperature range:	30° to 200°C		
No. of strands:	1-6	5-10	10-25
Throughput:	0.3-5 kg/h	2-20 kg/h	10-60 kg/h

