



Gabler pharmaceutical solutions. **Customized equipment and systems for high end product quality.**

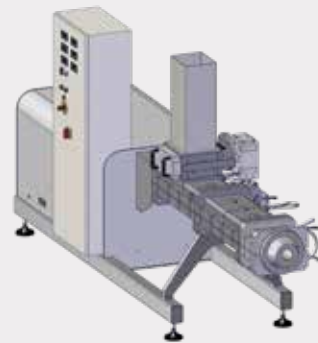
➤ High quality products for the pharmaceutical industry: We develop and manufacture equipment for wet and hot melt extrusion and spheronization – from laboratory scale to production lines up to 100 kg/h.

For over 115 years, Gabler Engineering has represented the perfect combination of experience and innovation, offering equipment and systems for the pharmaceutical industry - always tailored to customer needs. Our pharmaceutical solutions

are based on extensive experience and know-how about the equipment, the processes and validation documents such as DQ, IQ and OQ. Our systems meet all regulations, guidelines and licenses of the pharmaceutical industry.

➤ EXTRUDERS

We offer different extruder sizes for wet or hot melt extrusion processes. Our co-rotating extruders range from laboratory models to complete production machines and achieve throughputs up to 100 kg/h, depending on the extruder size and product. To ensure highest end product quality, we develop and design every machine according to your process and requirements - using different screw elements, process parts and independent heating zones. Depending on the process, the machines can be integrated into a complete line or act as a stand-alone machine.



Pharma Extruder DE-120

➤ PELLET PRODUCTION LINES

Pellet production lines for pellet sizes between 0.4 to 3 mm can be designed for manual or automatic operation. The main components consist of a dosing unit to feed an extruder. The product strands are then formed into pellets inside a spheronizer. The pellet production lines can be extended and adapted in numerous ways to automate and optimize the process.

Technical data

- Throughput of manual pellet line: 5 to 80 kg/h
- Throughput of automatic pellet line: 5 to 100 kg/h
- ATEX versions available



Automatic production line - Output 5 to 100 kg/h

➤ SPHERONIZATION EQUIPMENT

Spheronisers are available from laboratory models to automatic production lines with up to 100 kg/batch. All machine design is GMP compliant. Various options, such as ATEX compliant machine design, offer the flexibility to master any pellet forming process.

Technical data

- Pellet dimensions from 0.4 to 5 mm
- Batch size from 0.15 to 6 kg
- Rounding time from 1 to 5 minutes



Spheroniser R-600