

CONSIGMA®

Granulation and Drying (GD) Modules



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ConsiGma® GD modules offer standalone continuous twin-screw granulation and drying operations that bring the benefit of high granule quality to a standard bin-2-bin set-up.

Based on proven continuous twin-screw granulation technology, the ConsiGma® GD modules enable the production of higher quality granules under better control, even in a bin-2-bin set-up.

Available in 3 standard sizes, depending on the desired throughput (from 5 to 120 kg/h, to be verified by testing), the systems can be customized with a number of options to suit customer needs.

Ideal for pharmaceutical companies who wish to benefit from higher levels of process control and better-quality product but prefer to maintain their current mode of operation.

The Conductor 4.0 software ensures seamless control of the entire process, full reporting and tracking of OOS. Material genealogy can be integrated into the controls. Handshaking with up- or downstream equipment can also be offered.

Cleaning

From simple cleaning options to systems for high containment applications, GEA offers a comprehensive range of cost-effective technologies for our ConsiGma® 4.0 modules. Working together, we can help you to select the most appropriate solution for your plant or line. Discover more in our "Cleaning Solutions for ConsiGma® 4.0" brochure. There's a better way to meet your specific requirements.

Scope

- GEA or qualified 3rd party feeder
- Twin screw granulator
- Segmented fluid bed dryer
- Quadro Comill

Applications

- Orphan drugs
- Blockbusters
- Low dose API
- Generics with granulation issues

Applications

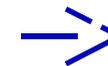
- Controlled granulation
- No refiling

Standard Configuration

- 1 loss-in-weight feeder (to be loaded with pre-mix from an IBC)
- Twin screw granulator
- Segmented fluid bed dryer
- Granule conditioning unit

Available Options

- Choice of feeder (GEA or qualified third-party feeder)
- Pressure Shock Resistant (PSR) design
- Suitable for Solvents processing
- Lighthouse Probe® for LOD measurement
- Second HMI
- Material genealogy
- Material handling system including containment features



For further information
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