

CONSIGMA®

Granulation & Compression (GC) Lines



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ConsiGma® GC Lines integrate continuous wet granulation, fluid bed drying and tablet compression into one efficient continuous production system.

Highly integrated solutions for continuous wet granulation, drying and tablet compression, the ConsiGma® GC lines offer all the advantages of continuous manufacturing: supply chain agility, small footprint, controlled granulation and improved quality.

Available in 3 standard sizes, depending on the desired throughput (from 5 to 120 kg/h or 20,000 to 180,000 tablets/h to be verified by testing), the systems can be customized with a number of options to suit customer needs.

The Conductor 4.0 software ensures seamless control of the entire process and provides full reporting and track & trace.

Mainly targeted towards high value products (low dose API), orphan drugs and new chemical entities, the systems can be equipped with cleaning and containment features to handle highly potent formulations.

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

- Wet granulation / segmented fluid bed
- Granule conditioning unit (GCU)
- MODUL P / S, NexGen Press®
- Tablet coater (Single or Twin)

Applications

- NCE
- Orphan drugs
- Blockbusters
- High concentration of poorly flowable API

Main Benefits

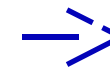
- Miniaturized and intensified granulation
- No Scale up from R&D to GD 25/500
- No work in progress

Standard Configuration

- 1 loss-in-weight feeder for formulation pre-mix
- Twin-screw granulator
- Segmented fluid bed dryer
- Granule conditioning unit
- GEA compression system

Available Options

- Dosing and blending unit for preparing the formulation pre-mix
- Melt granulation set-up
- Solvent capable
- PSR
- PAT tools
- Cleaning upgrade
- Containment upgrade
- Material handling system including containment features
- TC coater modules



For further information

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