

# CONSIGMA<sup>®</sup>

Direct Compression with  
Ribbon Blending (DC-RB) Lines



# Compression with Ribbon Blending (DC-RB) Lines

ConsiGma® DC-RB Lines integrate continuous dry blending using a ribbon blender and tablet compression into one efficient continuous production system.

A cost-effective solution for continuous dry blending and tablet compression using ribbon blending, ConsiGma® DC-RB lines make the advantages of continuous manufacturing (supply chain agility, small footprint and improved quality) available for all.

Available in multiple standard sizes, by combining 2 possible sizes of blender with any tablet press in our range, depending on the desired throughput (from 10 to 400 kg/h or 20,000 to 400,000 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 full reporting. Tracking of OOS and material genealogy can be integrated into the controls.

Mainly targeted towards generics, nutraceuticals, OTC production and CMOs, the systems are designed to handle easy-to-blend and high-throughput DC formulations.

## Scope

- 2 – 4 GEA or qualified 3rd party feeders
- Ribbon blender
- PERFORMA P / D, MODUL S, NexGen Press®

## Applications

- Easily blended formulations
- Shear sensitive powders
- Granule and external phase blending

## Main Benefits

- High throughput up to ~400 kg/h depending on the formulation
- Lower investment into CM

## Cleaning

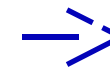
From simple cleaning options to systems for high containment applications, GEA offers a comprehensive range of cost-effective technologies for our ConsiGma® 4.0 modules. Working together, we can help you to select the most appropriate solution for your plant or line. Discover more in our "Cleaning Solutions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

## Standard Configuration

- 2 to 4 loss-in-weight feeders
- 1 ribbon blender
- GEA compression system

## Available Options

- Choice of feeder (GEA or qualified third-party supplier)
- Set-up of blender: continuous flow or mini-batch
- Blend uniformity measurement with Lighthouse Probe®
- Material handling system including containment features



**For further information**  
GEA Pharma & Healthcare  
wommelgem@gea.com  
gea.com/contact

