



Press Release

Process Technology Food, Feed & Fine Chemicals

GF ModFlex - Plug & play thanks to modular + compact design

ACHEMA 2018, Hall 3.0, Booth F1: Glatt Ingenieurtechnik presents a new fluid bed design for continuous spray agglomeration for food

Glatt Ingenieurtechnik GmbH
Nordstraße 12
99427 Weimar
Germany

Contact with the company:
Mona Berger
+ 49 3643 47-1502
mona.berger@glatt.com

Contact for the press:
Catchay Communications
Claudia Heck
Hafenstraße 25-27
68159 Mannheim
+ 49 621 18 06 63 83
claudia.heck@catchay.com

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Weimar (Germany), March 2018: At ACHEMA, the leading international trade fair for the process industries in June in Frankfurt am Main, market leading supplier of fluidized bed and spouted bed technologies, Glatt, will showcase several new developments, including a new modular and compact plant concept for continuous agglomeration - focused on food applications - as well as a modular control system that's easy to customize.

For the first time, Glatt will introduce a compact, newly developed fluidized bed plant concept for the continuous fluid bed spray agglomeration of fine powders and powder blends. GF ModFlex enables the production of uniformly porous, virtually dust-free, outstandingly soluble and very easily dosed granules. The process also ensures the homogenous incorporation of ingredients into agglomerates.

Being a gentle process, the nutritional and functional properties of the ingredients are preserved. When it comes to product quality, the systems designed due to this new concept are by no means inferior to its big "brothers". Specially designed for production volumes of 100–3000 kg/h and, thanks to the compact design with space-saving filters, they are particularly suitable for use in confined spaces or rooms with low ceilings. Another plus: installation times are reduced by more than a third.

The ATEX-compliant, wash-in-place (WIP) version solves two key challenges when processing powdery substances: cleaning operations are semi- or fully automated, time-saving and



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effective, and explosive powders can be processed safely. Depending on the application, the spray nozzles can be supplied as either top or bottom spray versions.

Glatt's ever popular planning services, from single modules to turnkey projects, is not only available to the global pharmaceutical and biotech sectors, but also for producers of fertilizer, food and animal feed, and within the chemistry and fine chemicals industry. Interested parties are invited to learn more about the engineering specialist's product and process development services for granulation, coating and/or microencapsulation, and register to test their products and processes at the company's Technology Center in Weimar.

About Glatt Ingenieurtechnik: Glatt Ingenieurtechnik GmbH plans and carries out international projects from the enlargement or modernization of existing production facilities to the construction of whole new factories. In doing so, the company combines professional engineering with sound technical know-how derived from patented process technologies it has developed itself, such as powder synthesis with APPtec and fluidized and spouted bed methods for granulation and coating processes. The focus of the projects is on processes in the field of particle design and particle engineering for the development, optimization, functionalization and production of powder and bulk goods such as granulates and pellets for food, feed, chemicals and fine chemicals and processes for the manufacture of biotechnological and chemical active ingredients for sterile and non-sterile dosage forms of drugs. Glatt Ingenieurtechnik GmbH has its headquarters in Weimar. Affiliates are located in Wiesbaden and Dresden, Switzerland, Russia, India and the USA. As an integral part of the international Glatt Group, Glatt Ingenieurtechnik can draw on a global network of some 2,000 employees. Numerous agencies exist worldwide as contacts for the full range of goods and services. You will find more information at: www.glatt.com



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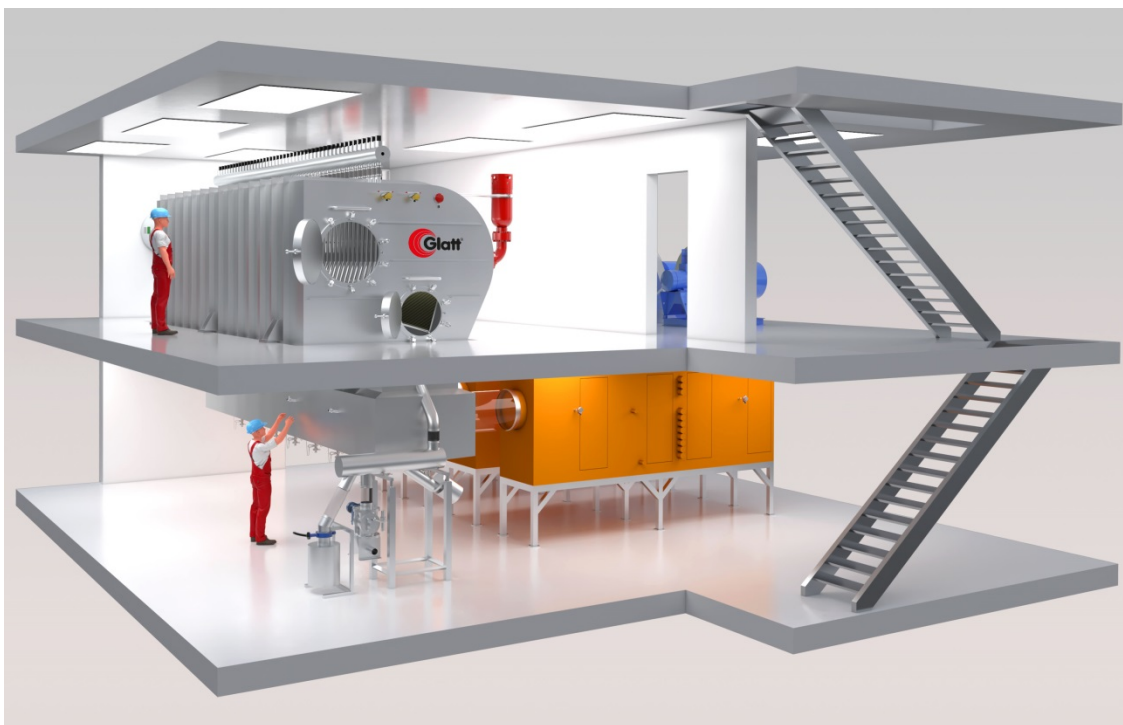


figure 1: Glatt fluid bed system for continuous agglomeration processes GF ModFlex 750