

# Glatt Fluid Bed Technology

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Glatt Fluid Bed Technology As a pioneer in fluidized bed technology, we are now the partner to companies in the pharmaceutical, food, animal feed and fine chemicals industries. Glatt offers a unique portfolio of innovative products and extensive services to support your company across the entire process chain, including process development for new products and ...

**HOME - Glatt Integrated Process Solutions**

The efficient solution for controlled particle drying. Fluidized bed drying is the optimal method for controlled, gentle and even drying of wet solids. The intensive heat/mass exchange of the fluidized bed product makes this method particularly effective and time-saving. The technology is also suitable for post-drying of spray granulated or extruded products with very low residual moisture.

**Fluidized bed drying - Glatt Integrated Process Solutions**

Solutions for coating small particles. Spray coating in a fluidized bed system produces an optimal surface coating for your product through even application of a film material. Depending on requirements, the product properties can be influenced and enhanced. With this method, particles having different shapes and sizes are moved around in the fluidized bed and simultaneously sprayed with a liquid.

**Fluidized bed coating - Glatt Integrated Process Solutions**

Fluidized bed systems. As a pioneer in fluidized bed systems technology, we offer our customers a wide range of fluidized bed systems for all powder processing industries. From lab and pilot systems to complex systems for production. Whether batch processing or continuous operation, with Glatt

fluidized bed systems, everything is possible: Our laboratory systems are capable of processing product volumes of very few grams, while our production systems can handle capacities of several tons. Fluidized beds - Glatt Integrated Process Solutions Today, the Glatt Corporation is a global group of companies and employs a workforce of over 1400 at its various locations. Technologies. The core technology of the Glatt group of companies is the fluid bed technology for the drying, granulating, pelletizing (see also spheronization) and the coating of solid compounds. Glatt has shaped and constantly further developed this technology. Glatt group - Wikipedia ⇒Continuous Granulation and Coating by Fluidized Bed ⇒Continuous Spray Granulation by Spouted Bed ⇒High Shear Granulation ⇒Glatt Powdersynthesis . Events. ... Glatt selected for Engineering Project for new GMP Biorefinery by NSTDA in Thailand. 25.08.2020 11:17. Meet the Glatt Experts @ Virtual Process Show. Processes - Glatt Integrated Process Solutions The fluid bed granulation process (also known as agglomeration) involves suspending particles in an air stream and spraying a liquid from the top of the system down onto the fluidized bed (top-down spray). Particles in the path of the spray get slightly wet and become sticky. FLUID BED procEssing - Experts in Spray Technology A fluidized bed is a physical phenomenon occurring when a quantity of a solid particulate substance is placed under appropriate conditions to cause a solid/fluid mixture to behave as a fluid. This is usually achieved by the introduction of pressurized fluid through the particulate medium. This results in the medium then having many properties

and characteristics of normal fluids, such as the ability to free-flow under gravity, or to be pumped using fluid type technologies. A fluid bed dryer made Fluidized bed - Wikipedia Fluid bed drying is a particularly effective and gentle way to dry, as the entire surface of each individual particle is available for heat and humidity transfer. With the addition of spray nozzles, fluid bed machines quickly developed into fluid bed granulators, in which sprayed liquids lead to the agglomeration of powder particles. Fluidbed Technology for the coating of powders, pellets ... Glatt spray granulation with innovative fluidized bed or spouted bed technology is an optimal process for the manufacture of fertilizer granulates. Granulate construction and subsequent drying can be carried out in a single process step. Technology - PHOS4green - phos4green-glatt.com The Original Wurster Technology Source Coating Place, Inc. has been the leader in Wurster fluid bed coating since our founding in 1976. Wurster coating, synonymous with fluid bed microencapsulation, is the encapsulation of discrete particles in a fluidized bed using differential air flow to create a cyclic movement of material. Wurster Fluid Bed Coating - Coating Place, Inc. Fluid bed technology is a core technology of GEA. We supply several different types of Fluid Bed units for application within food and dairy products, chemicals and pharmaceuticals. All are applied for drying and/or cooling of particles - powders, agglomerates or pellets - and for production of agglomerates and granulates from fine powders. Fluid Bed Technology | GEA Fluid Beds The pharmaceutical industry has long used fluid-bed coating technology to coat drugs, and films may

be applied to provide sustained or controlled release, taste masking, enteric release, improved stability, or aesthetics 9, 10. Fluidized bed coating in food technology - ScienceDirect 1) 3 off Vertical 316L Stainless Steel Glatt Fluid Bed Granulator units, see detailed below; a) G1 = Glatt 3.5 Tonnes / Hour Granulator, Type AGT 2700, Age 1997, Net Weight = 10,700 Kgs b) G2 = Glatt 5.2 Tonnes / Hour Granulator, Type AGT 3000, Age 2001, Net Weight = 12,700 Kgs Fluid Bed Dryers from Glatt Listing #612251 Perform set-up, operation, troubleshoot, dismantle and clean solid oral dose equipment (e.g.: Anhydro MS130 and MS150 spray dryer, Glatt fluid bed technology, Gerteis roller compaction granulation ... We provide a wide range of services to streamline and improve book production, online services and distribution. For more than 40 years, \$domain has been providing exceptional levels of quality pre-press, production and design services to book publishers. Today, we bring the advantages of leading-edge technology to thousands of publishers ranging from small businesses to industry giants throughout the world.

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