



## PHARMACEUTICAL SERVICES

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**Solutions.**  
**For your processes and products.**



## A ONE-OF-A-KIND RANGE OF SERVICES

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The specialty of uniqueness of Glatt Pharmaceutical Services is the customary development and production of solid dosage forms. With extensive expertise in multiparticulate manufacturing such as pellets, micropellets and granulates, our new technologies can help you improve your drug product ideas which is our benchmark. Even when it comes to challenging substances which we actually excel at.

These services cover the following three areas: A fundamental pharmaceutical processing knowledge base, long-standing experience in drug formulation for solid dosage forms in both the branded and generic areas, and innovative technology competence and expertise. Comprehensive and reliable. With no additional costs for new machines and processes.

We manufacture pharmaceutical products in bulk or finished dosage forms. For clinical trials or market supply – entirely based on your requirements. Our goal is to make your products market-ready, quickly and efficiently with quality always in the forefront. While maintaining optimized processes and ensuring a safe investment for your head start in the competitive marketplace.

Solutions for your innovative products and processes are our one-of-a-kind range of services.

**Solutions.**  
**Formulated for your target groups.**



## OPTIMAL DOSAGE FORMS

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Regardless of whether you are trying to achieve optimized bioavailability or taste masking or simply attempting to improve product solubility or stabilize drugs.

We offer a fully customized solution for each and every challenge. Formulations for medications in pediatrics, geriatric medicine and animal health are just a few of our core competencies.

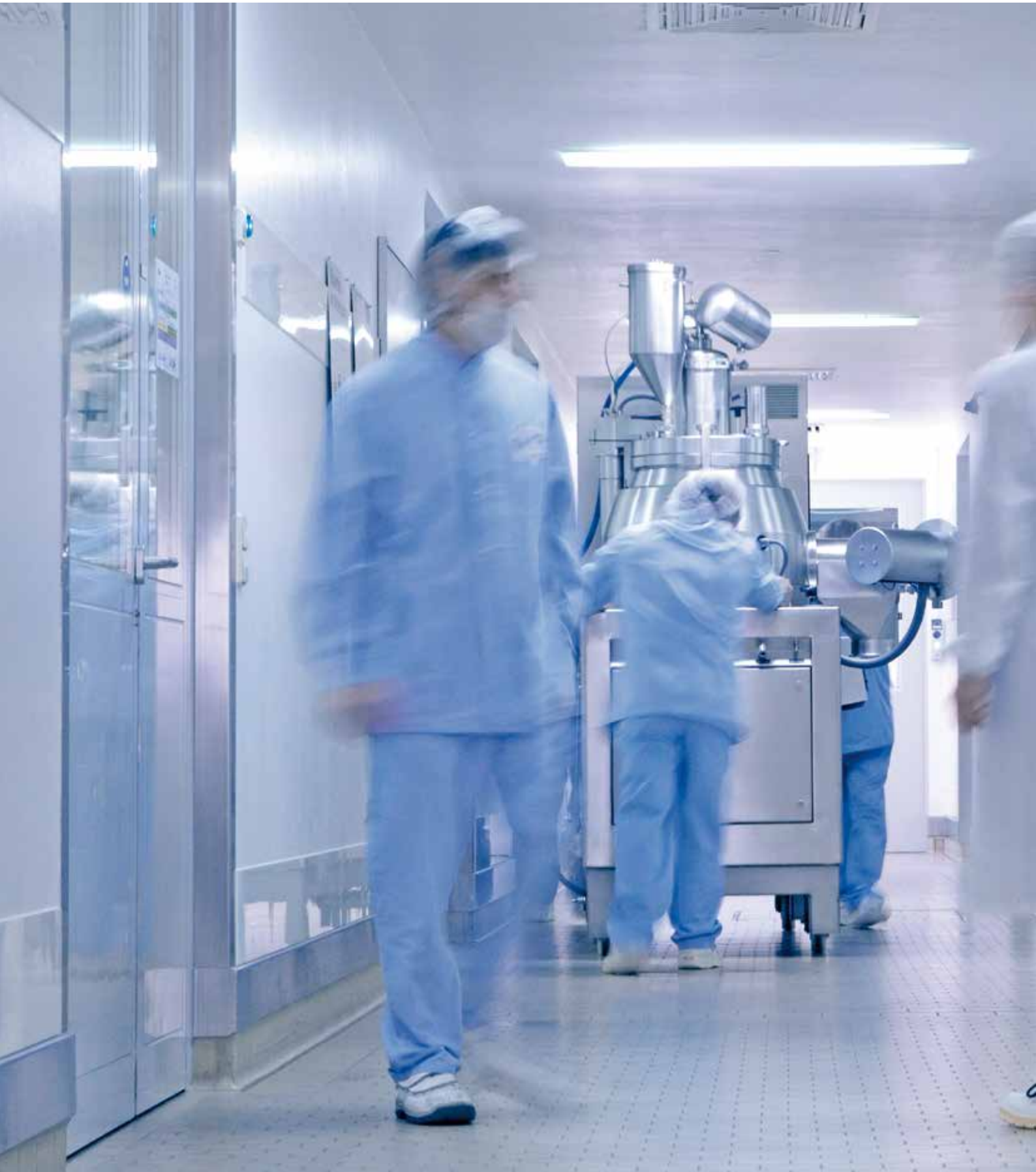
One constant and basic principle applies to each of our services: To utilize the bundled competence of our experts in order to promote the wellbeing of your target groups for an anticipated success in the marketplace.

Utilizing all our collective company know-how along with our licensable proprietary technologies, we would effectively support and assure your product lifecycle management while contributing to the successful treatment and improvement of patient compliance and confidence. You can count on it each and every time.

Solutions are our goal within a given mission thus resulting in an optimal quality product. That is our standard and guaranteed obligation for you.



**Solutions. Combined for you.**



## INDIVIDUAL SERVICES

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With our diverse and comprehensive service portfolio, we will accompany you step by step from conception to product launch. From the earliest development and optimization of the pharmaceutical formulation to the actual production of clinical sample material or contract manufacturing for a commercial market supply. Everything we produce for you is in full compliance with cGMP regulations with approved authorization from both the EMA and the FDA.

All the services we offer have one thing in common: They will always be tailored to fit your individual and exact requirements with a prescript and efficient process that is consistently reproducible and robust. The focus is consistently on the best solution for your specific request.

Our extensive pharmaceutical processing expertise enables you to be assured of a quality and professional experience yielding a validatable and successful product and process development project. Our facilities and technical capacities provide for a seamless product and process scale-up from lab to commercial production scale. All this, while assuring all the required regulatory requirements and stability checks are executed. You can count on it!

Solutions for your specific needs. That is our challenge on a daily basis.

**Solutions. Made real for you.**





## IDEAL TECHNOLOGIES

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The process development for your products takes place in our very own state-of-the-art and cGMP technology centers. Here, you have at your disposal process equipment and process systems for pilot scale projects and commercial scale.

The capacity of our systems spans from handling just a few grams on a development scale to several hundred kilograms on the production scale. We develop formulations and processes and offer a scale-up all the way to industrial production. Both our Binzen, Germany and Ramsey, USA facilities allow for processing with organic solvents such as IPA, Acetone, Methanol or Ethanol.

We make all of our innovative technologies for the production of granulates, pellets and micropellets available to you. Our competent and vastly experienced employees assure an optimal combination of formulation and technology resulting in your success in the pharmaceutical market.

The successfully tested and robust technology from the process development stage can, of course, also be made available to you for the subsequent commercial production in your company, if so desired. One of our areas of expertise, Process Technology Pharma, will gladly provide you with a system precisely tailored to fit your requirements.

Solutions for your optimal processes and outcome. That is our standard.

**Solutions.**

**For you, entirely from a single source.**



## COMPREHENSIVE. INDIVIDUAL. INNOVATIVE.

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For all services that fall under the name Glatt, one thing always applies:

You will receive one-of-a-kind, time proven and robust integrated solutions from a single source.

Interacting and collaborating with our additional areas of expertise, Pharmaceutical Services provides a high-performing, reliable and trustworthy partner.

Glatt offers you a comprehensive range of services, innovative technologies and individualized attention. You get the assurance from the start that we will accompany you through the entire development of your process. From the design and initial concept to the complete and reliable solution.

Solutions for your success. That is our mission.

- » **Pharmaceutical Services**
- » *Process Technology Pharma*
- » *Process Technology Food, Feed & Fine Chemicals*
- » *Process & Plant Engineering*

Glatt. Integrated Process Solutions.



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