



HOSOKAWA MICRON POWDERS GmbH

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TOLL PROCESSING

For over 50 years, HOSOKAWA MICRON POWDERS GmbH has been an expert for toll grinding and toll processing of products with a wide range of services starting from high quality processing to secure storage to direct delivery.



**HOSOKAWA
MICRON POWDERS GmbH**

PROCESS TECHNOLOGIES FOR TOMORROW™

> TOLL PROCESSING AT HOSOKAWA

Take advantage of our special qualities to ensure your success.

For over 50 years, HOSOKAWA MICRON POWDERS has been one of the leading providers of comminution technology and industrial services in the mechanical process-engineering sector. Our special know-how, our modern production facilities and a wide range of services offer the best prerequisites for ensuring the success of your product.

Your advantage at HOSAKAWA: You can process your materials professionally – without investing in your own processing and storage facilities – and

reliably deliver your products on demand. This way you can introduce new products without risk, overcome temporary capacity shortages and produce niche products economically.

We also like to develop solutions tailored specifically to your needs.

> WE FULFILL YOUR EXPECTATIONS

- Product-specific processing, and in compliance with criteria for cleanliness, fineness, mixing ratio and packaging.
- Supporting services like transportation, warehousing, process-related documentation and quality control, storage of reference samples and analytics.
- The smooth integration into the supply chain for on time product completion and delivery.

We can store your products securely or deliver them directly to your customers – and if you like also just-in-time.



We package your finished products strictly according to your specifications in Big Bags, FIBC, sacks, drums, or boxes.

> OUR RANGE OF SERVICES

We offer professional services from one source – starting from the delivery of the raw material to high quality processing to delivery to your customers.

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Our highly modern production facilities make it possible for us to process a wide variety of products. These include flame-retardants, titanium dioxide, aerogels, fillers, thermoplastics and many other products from the areas of chemistry, plastics, minerals, and metals. In addition, we offer the processing of food and cosmetic products with specially designed facilities in compliance with the appropriate standards for hygiene.

Depending on the product, at HOSOKAWA you can also choose from many different processing and product finishing services. Among others, we offer the granulating, grinding as well as micronizing, cold grinding, winnowing, sifting, mixing, coating and the compacting of your materials.

In connection with professional product processing, we offer you further services: your finished product will not only be individually packed, labeled and put on pallets, but if desired it can be stored or delivered to your customers just-in-time.

Simply contact us: We would like to convince you of our flexibility and the quality of our service.



State of the art analysis technology ensures compliance with product specifications.

> AREAS OF COMPETENCE

With our high demands and standards, we set exceptional benchmarks in a variety of areas.

Jet milling:

For the production of ultra-fine products, we have fluidized bed opposed jet mills on hand in various sizes. Special features such as pressure shock resistance, wear protection and optional hot-gas operation make it possible to process difficult products.

Cryogenic grinding:

We process thermoplastics and heat sensitive products gently under defined conditions with different cold grinding facilities.

Multi-step process offers:

For your products, we also offer you multi-step processes such as grinding-mixing-sifting, grinding-sifting, or mixing-compacting. This way there are no additional costs for in-between packaging, logistics and transportation.

Mechanical mills:

With a wide assortment of universally applicable, mechanical, shockproof mills with exchangeable grinding tools, we reduce almost any product for you into small particles.

> MARKETS AND CUSTOMERS

In addition to chemical industries and well-known food manufacturers, HOSOKAWA customers also include internationally operating trade companies and distributors as well as mid-sized companies and small businesses in the

chemical, mineral, food, cosmetics and trade sector – not only in Germany, but also worldwide.

With a wide variety of services in the area of powder processing and logistics, HOSOKAWA serves a wide market

successfully from its central location in Cologne, Germany. At our various production facilities, we presently reach an annual turnover of goods of more than 10,000 tons – and the trend is moving upward.

> QUALITY CONTROL

Only when quality is constantly monitored, can it be guaranteed. Our quality control takes this into account.

When dealing with our customers' products we never make compromises. At HOSOKAWA MICRON POWDERS GmbH we only work with valid procedural instructions and defined quality parameters and in all our services we fulfill the relevant quality and safety requirements.

Our qualified employees and a quality management certified according to DIN EN ISO 9001:2008 guarantee complete control and documentation of all operational processes from production to quality inspection and in accordance with your requirements as a customer. For example, determining particle size with the help of laser diffraction or sieve

analysis ensures that the particle distribution in the finished product corresponds with customer specifications. All our facilities are made of stainless steel and designed for thorough, wet cleaning procedures leaving virtually no residue thus ensuring changes in products without risk.

Take advantage of our expertise now, which we have been demonstrating to our customers for years in a wide scope of functions.



> **LOOKING INTO THE FUTURE**

We not only want to be successful now, but also in the future.

To live up to our high demands and to provide you permanently with the highest standard of quality and flexibility, we will also invest in the new technologies of the future. At our location in Cologne, Germany, we possess enough expansion capabilities and skill to react to the new and changing demands of our customers. In expanding our range of services, further emphasis will be placed not only on cryogenic grinding

and jet milling, but also on the processing of highly refined and valuable products with special requirements concerning hygiene. Based on the expertise of the whole HOSOKAWA group we can develop the best solution also for your challenging tasks.



We reduce the most varied raw materials into the smallest particles and refine them according to your demands – in quantities starting from 5kg to several hundred tons.



By investing in modern facilities and innovative technology, we ensure our success for tomorrow.

> **OUR STRENGTHS AND YOUR ADVANTAGES**

We possess extensive knowledge, many years of experience as toll processor, and with our large modern machine park and wide-ranging services, we can offer you a high-quality package deal tailored to your needs if necessary.

We always guarantee you a fast and qualified implementation at reasonable prices. And as an experienced, professional partner, we're at your side right from the beginning to answer all your questions.

Toll processing is worth the effort. In many cases, it is even cheaper than processing on your own.

- With HOSOKAWA you can ...
- deliver your products directly to your customers without owning production facilities.
 - introduce new products quickly, without risk and with little effect on liquidity.
 - react to changes in the market on short notice.
 - do without space for large production and storage facilities.
 - save costs on planning and investments.
 - keep overhead costs for work force and write-offs stable.
 - calculate your production costs quickly and easily based on our binding offer.