



Experience - Knowledge - Competence
MOTUS moves...



MOTUS Engineering: innovative solutions from a single source

We are the experts for industry-specific intralogistics and work for the pharmaceutical industry as well as the biotechnology and food production sectors. We leverage our wide-ranging expertise to solve the transport tasks between the filling machine, clean room, capping machines and freeze dryer, while offering customised solutions from a single source. From planning, design and production, to assembly, on-site commissioning and staff training.

Our products are used all over the world. Our international customers are supported by our sales and trade representatives in various countries around the globe. Our core competences include loading systems for freeze dryers (compatible with vials, liquids, powders and APIs), modernisation of aseptic production areas as well as filling and unloading of trays with powder from lyophilisers.

Our company, which is certified according to ISO 9000:2015, was founded in 2000 and is located in an innovative industrial and research environment with its headquarters in Marburg, Germany. We operate a second site for assembly in Sterzhausen. This site is very close to our headquarter. Taken together, we and our supplier partners have a workforce of more than 40 qualified and committed employees. Thanks to close cooperation with a wide range of industrial companies throughout Germany, we are very familiar with the individual technical requirements and deliver customer-optimised solutions – high-quality, cost-oriented, fast and reliable.

Our products and services at a glance:

- Loading systems for production freeze dryers
- Loading systems for laboratory and pilot freeze dryers
- Retrofit freeze dryer loading
- Frameloader/ trayloader
- Conveyors, buffer conveyors
- Tray filling and powder handling
- Sterile containers
- Monitoring equipment
- Engineering and consulting

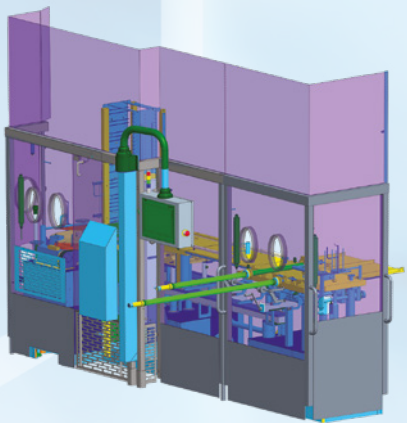




Engineering - for individual solutions

As a competent partner with a high level of solution expertise, we accompany you reliably and professionally through all the project phases. These include:

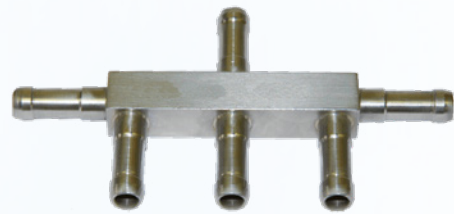
- Concept phase
- Pre-engineering
- Project planning and control
- Detail engineering
- FAT
- Commissioning
- Documentation
- Qualification



Equipment - for smooth processes

We offer you a wide range of high-quality additional equipment that ensures more efficient processes in your company:

- Sterile containers
- Lift systems
- Connectors & distributors
- Vial carrier
- Magnet system for equipment in the production area
- Special cleaning equipment
- Vacuum conveyor
- Transport aids

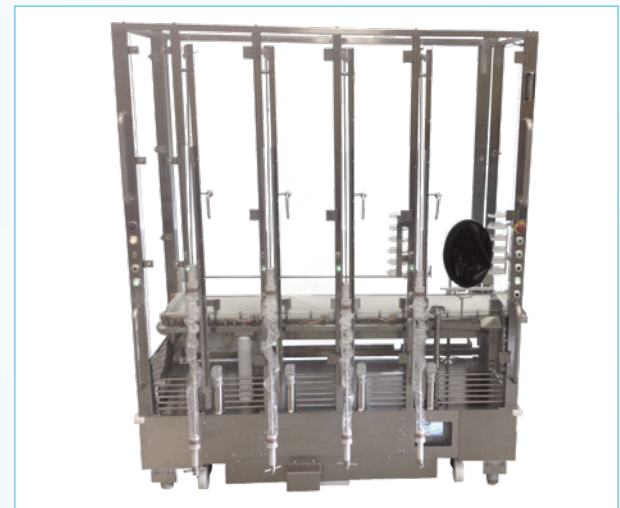




Systems and machines - innovative and economical

We offer a wide range of different solutions for loading freeze dryers - whether manually, semi-automatically or automatically. Supplemented by further tools, systems and comprehensive accessories, we solve even the most demanding transport tasks in our customers' intralogistics.

- Loading systems for production freeze dryers
- Loading system for laboratory and pilot freeze dryers
- Retrofit freeze dryer loading
- Frameloader/ trayloader
- Tray filling and powder handling
- Turntables and conveyors
- Enclosures/ RABS





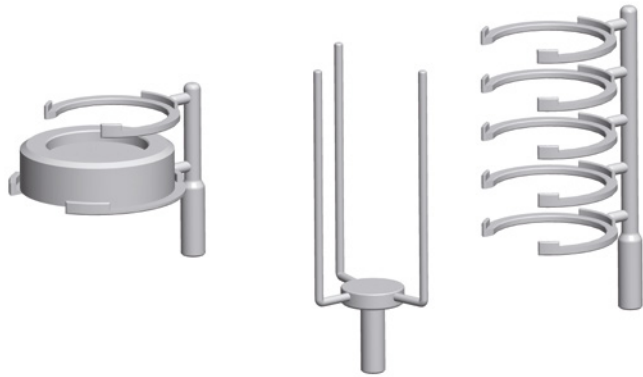
Situation inside the machine



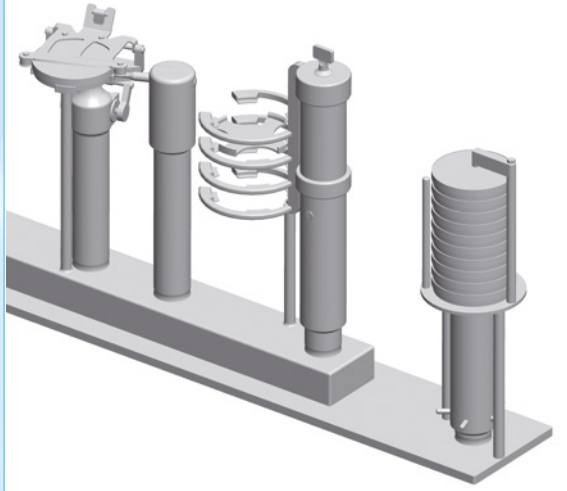
Active monitoring: automatic collection head lift-off, manual lift-off, manual loose lift-off



Passive monitoring: automatic opening of the settle plate, manual opening, manual loose opening



Storage systems for settle plates



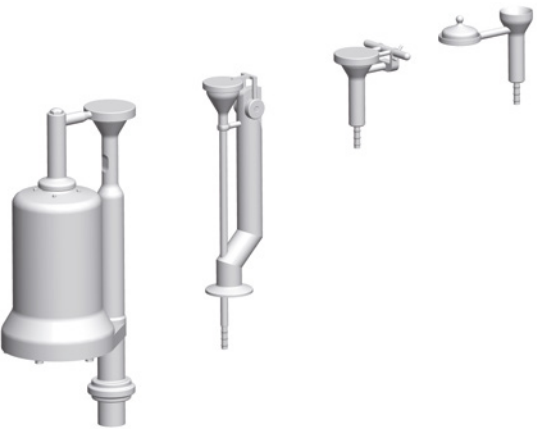
Active automatic monitoring with storage connection

Particle monitoring

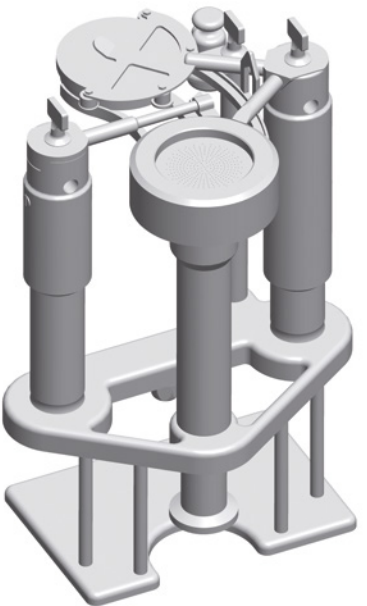
In the field of particle measurement, we offer a flexible modular system for a variety of equipment. The system can be customized to suit specific projects. The respective equipment meets the mechanical requirements within the production area. The system can also be connected to a wide variety of particle device manufacturers.

Microbiological monitoring

In the field of particle measurement, we offer a flexible modular system for a variety of equipment. The system can be customized to suit specific projects. The respective equipment meets the mechanical requirements within the production area. The system can also be connected to a wide variety of particle device manufacturers.



Particle measuring stand, 4 variants:
toxic with automatic closure, with automatic closure,
closure manually operated, closure with manual cap



Passive automatic monitoring with storage connectio



Stands to suit the variants

Funding project:
„Development of an innovative
automated mobile mini cleanroom
including monitoring“
Funding code EP190262

Supported by:
 Federal Ministry
for Economic Affairs
and Climate Action
on the basis of a decision
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MOTUS
Life Science Technology

MOTUS Engineering says „Thank you“

We can rely on a selected network of partners and suppliers to help us with our demanding activities. We would like to take this opportunity to thank all those involved for their reliable, competent and enduring support with our projects.



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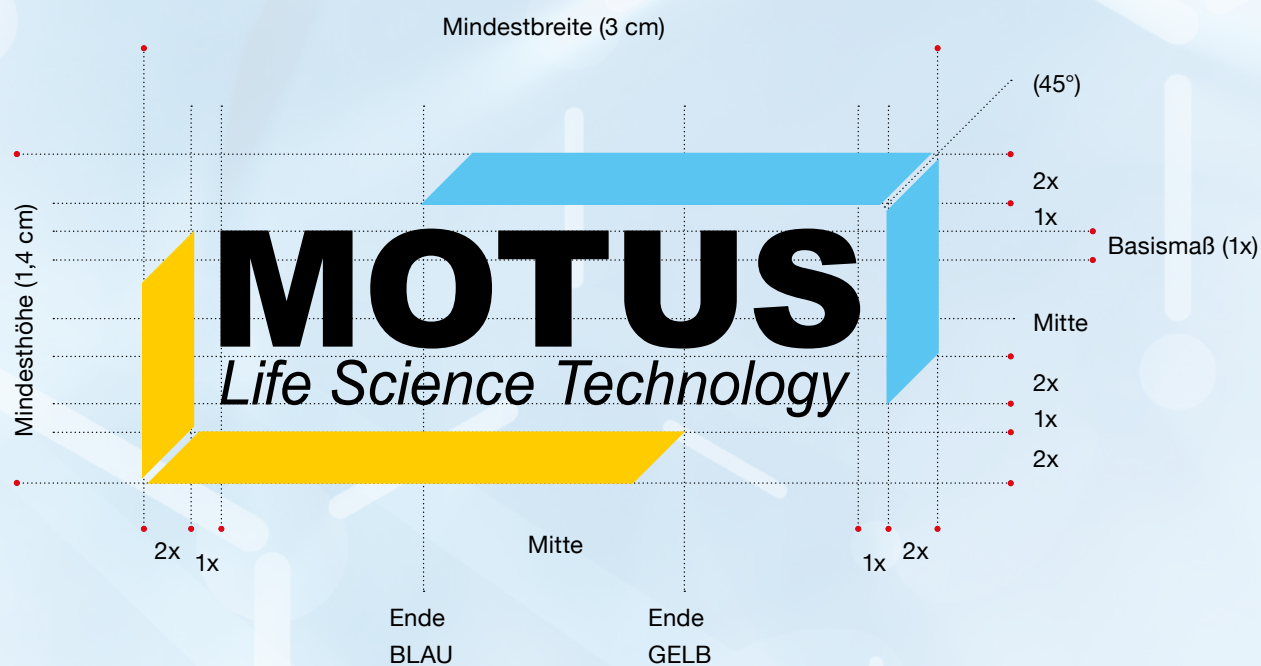
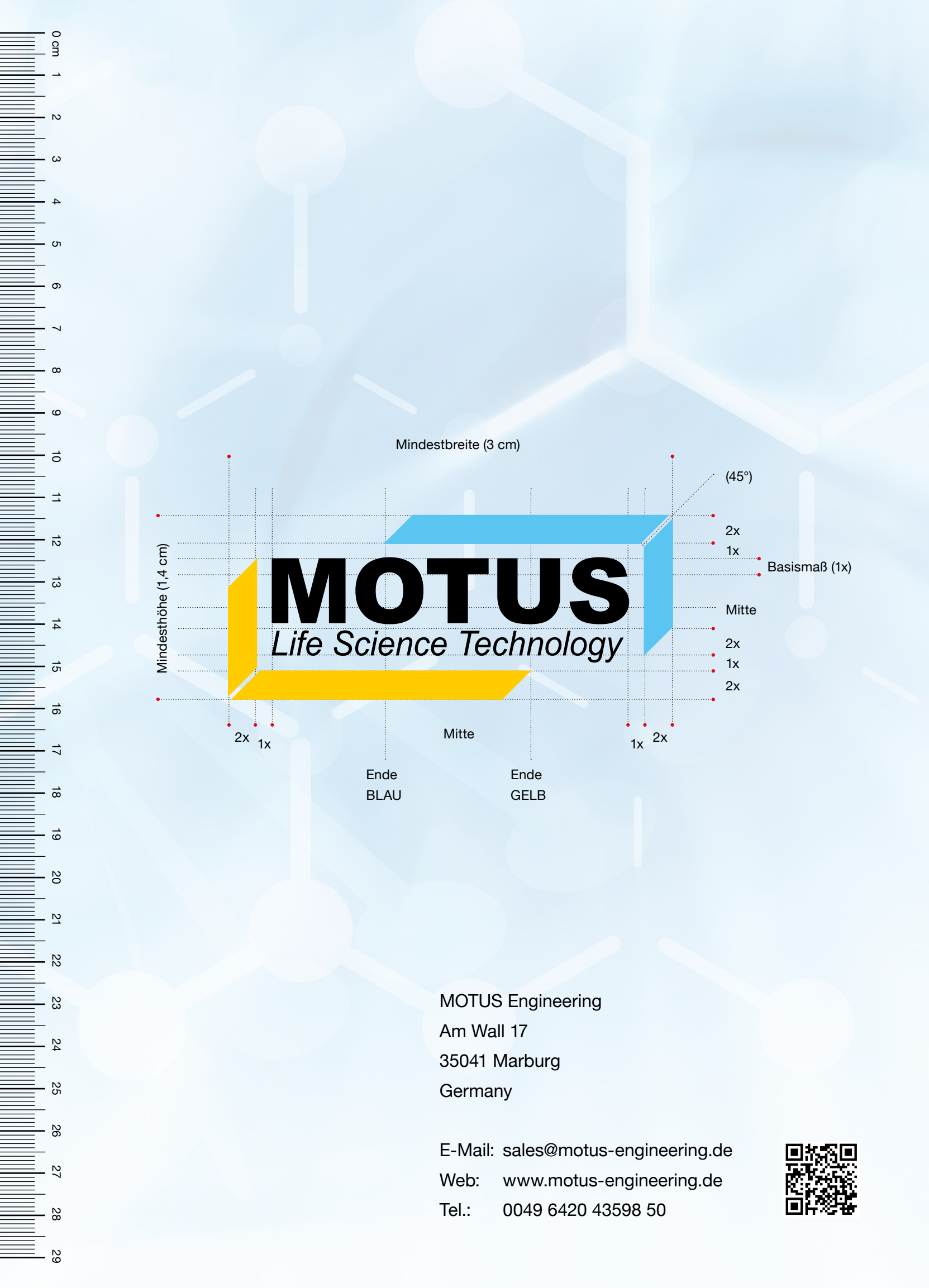
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