



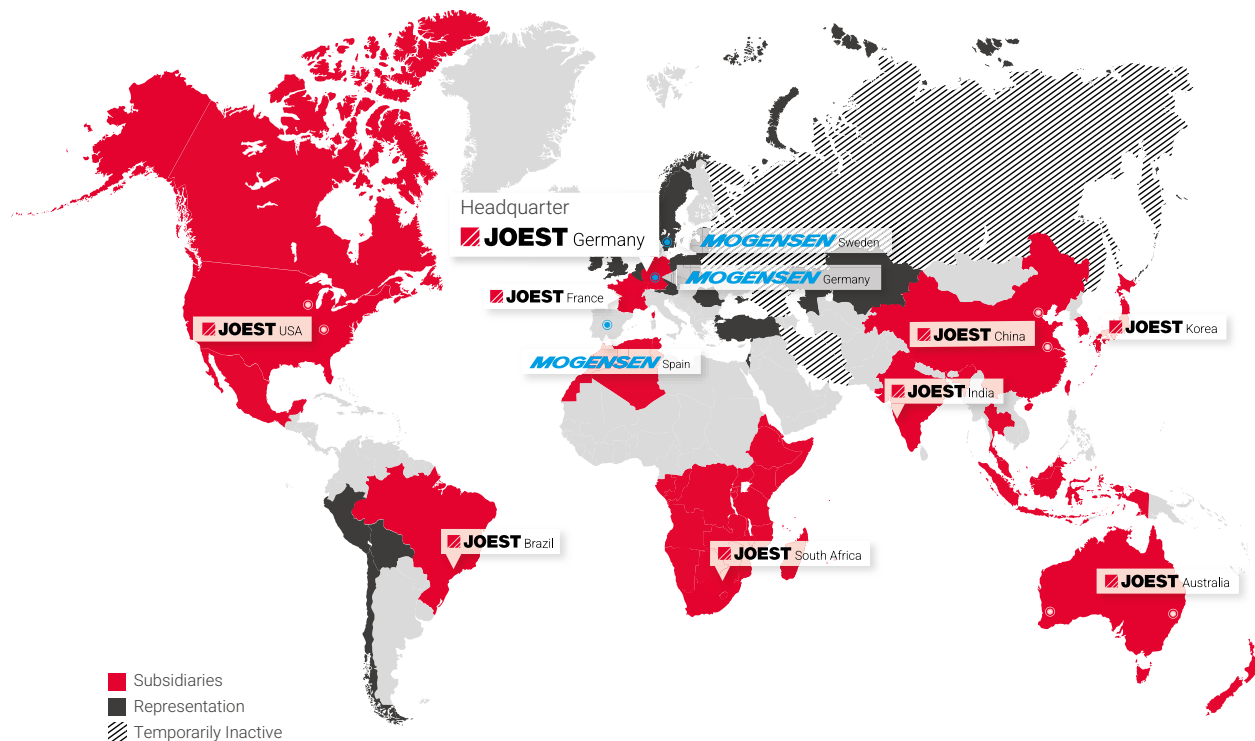
YOUR
PARTNER
FOR THE
**CHEMICAL
& FOOD
INDUSTRY**



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JOEST group



Our Members:  **JOEST**  **MOGENSEN**

Our Brands:  **JVM**  **GOESSLING**

WE BUILD SOLUTIONS.

These industries with their complex and demanding processes require the highest quality standards regarding machine design. First class quality, safety at work and reliability are very important for these industries. JOEST vibrating machines made of stainless steel are the best choice for all process engineering tasks. Our wide range of products for bulk processing in the chemical and food industries include vibrating conveyors, spiral elevators, screens and vibrating fluidized beds, offering innovative technologies

for conveying, screening and thermal processing.

JOEST is a medium-sized German company and an international leader in vibration technology. Our more than 100 years of experience are an important basis for our flexibility, creativity and innovative skills to meet any customers' need. We are represented worldwide with our subsidiaries and agents, which enable us to analyze and discuss each application directly on site with our customers.

"We don't just build machines. We build solutions. With us, our customers get everything from a single source, from sales contact through production right up to commissioning."

Dr. Marcus Wirtz, Managing Partner JOEST group

APPLICATIONS

With the JOEST technologies, many different applications in the chemical and food industrie can be served – from single machines to complex systems. Whether custom or standard solutions, JOEST offers a wide range for thermal processing, screening, conveying, dosing and feeding.



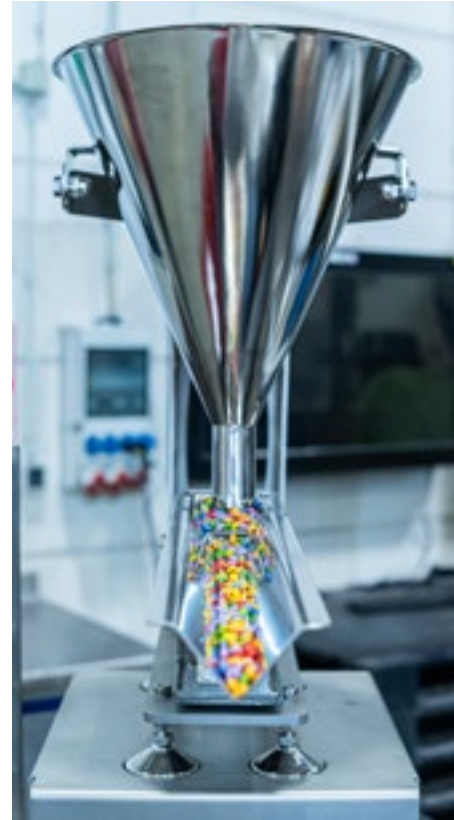
CHEMICALS

- ✓ Plastics
- ✓ Silicium
- ✓ Fertilizer
- ✓ Citric acid
- ✓ Different types of salt
- ✓ Various types of chemicals



FOOD & ANIMAL FEED

- ✓ Sweets
- ✓ Sugar
- ✓ Spices
- ✓ Cereals
- ✓ Dry foods
- ✓ Cocoa beans
- ✓ Extruded proteins
- ✓ Insects (BSF-Larvae, Mealworms)





SPIRAL ELEVATOR

CONVEYING & DOSING

Efficient and gentle conveying are some of the significant features of JOEST vibrating feeders – independent when conveying material over short or long distances.

At JOEST you will find simple standard feeders up to complex special solutions. Each dosing feeder is individualized to the customer requests. JOEST dosing feeders can be fitted a wide variety of optional features to meet customer specifications.



DOSING FEEDER

VIBRATING TROUGH-TYPE FEEDER



VIBRATING RESONANCE TUBE-TYPE CONVEYOR

- ✓ Large conveying lengths possible, up to 30 m
- ✓ Closed design, good suitability for ATEX & food applications
- ✓ Low dynamic forces & low energy consumption





SCREENING

Screening of the smallest particulates or separating of overlengths, classifying of grainy products, dewatering and washing screens – all from a single source.

LINEAR MOTION SCREEN

- ✓ Screen decks of up to 7.2 m² available
- ✓ High throughput up to 80 t/h
- ✓ Classifier for plastic granules

VIBRATING SCREEN

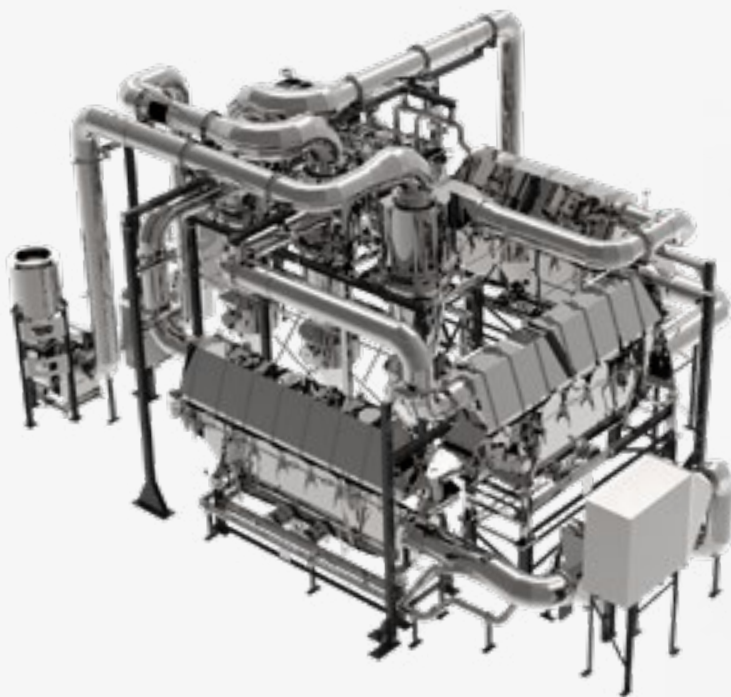
WITH MAGNETIC DRIVE

- ✓ Screen decks of up to 2.5 m² available
- ✓ Capacity typically up to 5 t/h
- ✓ Vibrating screen for various bulk products in chemical, plastic and food industry



SMALL SCREEN

- ✓ Compact vibration screen with magnetic drives
- ✓ Single or double deck design
- ✓ Easy to clean



FLUIDIZED BED COOLER



VIBRATING

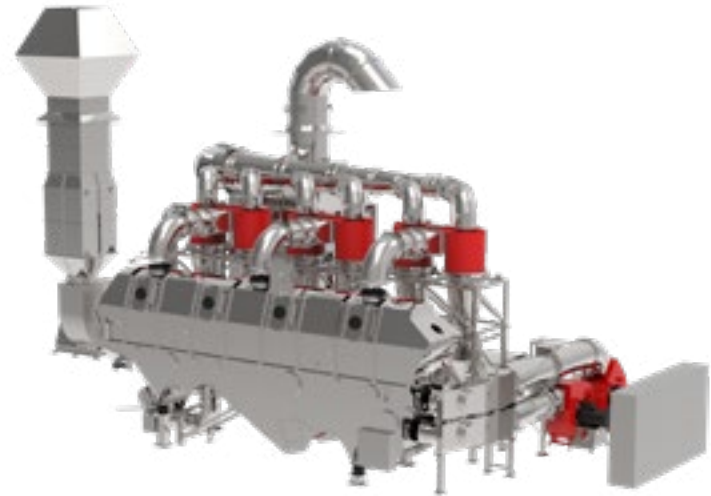
COOLING CONVEYOR

PROCESSING TECHNOLOGY

With their unique kind of construction, vibrating machines for drying and cooling for thermal processing of bulk are our core competence – utilizing a single machine or complete system solution with contact and convective heat exchange as well as combination with other vibrating or non-vibrating machines.



FLUIDIZED BED DRYER





FLUIDIZED BED SYSTEMS

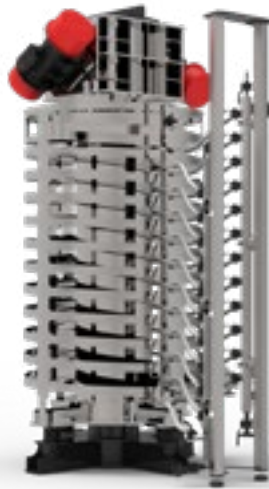
- ✓ Cooling, drying, heating & tempering (hygienisation)
- ✓ Contact heat transfer with high levels of efficiency
- ✓ Low energy consumption & compact design
- ✓ User friendly and low maintenance



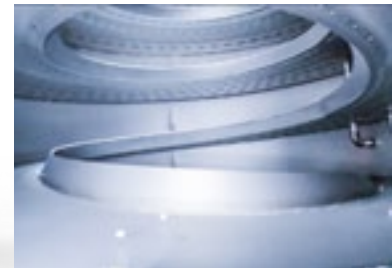


SPIRAL DRYER & COOLER

- ✓ Gentle, vertical conveyance
- ✓ Simultaneous conveyance and thermal treatment
- ✓ Combination of contact and convective heat transfer possible



INVERTED SPIRAL



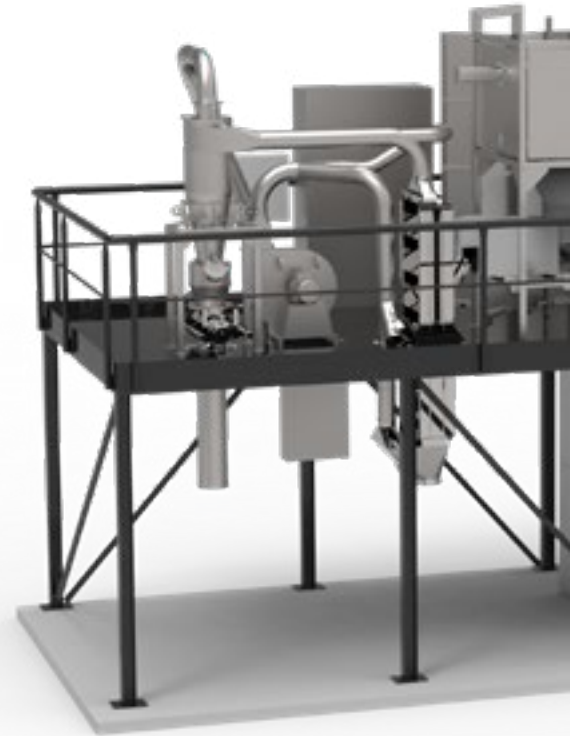
SIFTING

The JOEST Zig-Zag-Air-Separator uses an airtight feed mechanism to convey the material into the sifter channel. Here, lighter materials are separated from heavier ones using a multiple cross-flow sifting process.

The lighter particles are swept away with the air current while heavier particles fall toward the bottom against the flow of air and are discharged at the base of the separator.

- ✓ High-precision separation due to multistage cross-flow process
- ✓ Recirculation function means no emissions
- ✓ Maintenance hatches in the sifter channel for quick cleaning

ZIG-ZAG-AIR-SEPARATOR



LIFTING & TIPPING

JOEST provides lifting and tipping units as well as stroke-pivot column for food and chemical applications. The product range includes single devices up to complex systems.

Focussed on proper and safety function but also considering the requirements of hygienic aspects.

- ✓ Product-friendly tilting
- ✓ Variety of different options and accessories
- ✓ Optimal space utilization and flexible container handling



SWIVEL & LIFTING COLUMN

AUTOMATION TECHNOLOGY

CONTROL AND REGULATION

- ✓ PLC from Siemens and Allen-Bradley
- ✓ Intuitive operation through industry-standard HMI solutions
- ✓ Individual recipe management based on expert knowledge
- ✓ Modern drive technologies and control procedures
- ✓ High process reliability and data-tracking
- ✓ Control and monitoring of external machines

INDUSTRY 4.0

- ✓ Holistic monitoring of the machines and plant parameters
- ✓ Remote maintenance and IoT gateways
- ✓ Dashboard analyses and remote access
- ✓ Connection to higher-level controls or ERP systems



AUTOMATION TECHNOLOGY

- ✓ State-of-the-art electrical design with EPLAN P8
- ✓ Switch cabinet for extreme conditions (e.g. Atex) or country-specific standards (e.g. UL)
- ✓ Verified and validated safety engineering according to DIN EN ISO 13849-1 & 2
- ✓ Individual software solutions based on proven standards and vast experience

MADE TO
MEASURE

TEST CENTER

The Test Center is an essential benefit for JOEST. The latest hard- and software can be tested and improved there. Furthermore, JOEST profits from a wide range of know-how along with synergies from other areas. Ample conference room capacities make it a training center for internal and external purposes.

The state-of-the-art Test Center in Duelmen, Germany is available any time to perform tests at an industrial scale. JOEST focuses on replicating your demands, viability and the ROI of the planned investment and provide investment security with facts and data.

Solutions are often based on the individual wishes of the clients. The JOEST application specialists provide you with competent and target oriented support in solving your processing tasks.



STAINLESS-STEEL PRODUCTION

In spring 2025, the state-of-the-art stainless-steel production facility was commissioned, providing ideal conditions for solutions in the chemical and food industries. Two new production halls measuring 2,630 m² and 1,530 m², along with a 230 m² social area, form the basis for clean, efficient, and precise work processes.

The facility is equipped with modern technologies for sheet-metal processing, 11 spacious welding stations, 18 high-performance crane systems, and a lar-

ge-scale blasting unit for superior surface quality. A climate-controlled storage area ensures consistently high material quality for stainless-steel sheets and profiles.

The new plant is specifically designed for industries that demand maximum corrosion resistance, material purity, and hygienic surfaces. With this investment, the JOEST group strengthens its position as a reliable partner for demanding industrial applications.



„Worldwide commissioning and training with our own staff who are experienced in the JOEST product range.“

SYSTEM SOLUTION

- Holistic view of processes and logistics
- Reduction of interfaces for customers
- Cross-functional cooperation between various equipment

STANDARDISATION

- Established equipment designs for various applications
- Predefined and established PLC operation
- Raster of widths and heights for multiple used machines

DELIVERY PROGRAM

CHARGING & FEEDING

- Hopper Discharge System
- Resonance Conveyor
 - One-Mass-System
 - Mass Compensated
 - Two-Mass-System
- Vibrating Trough-Type Feeder
- Vibrating Tube-Type Feeder
- Spiral Elevator

COOLING

- Fluidized Bed Cooler
- Contact Cooler
- Spiral Cooler

DRYING

- Fluidized Bed Dryer
- Contact Dryer
- Spiral Dryer

DOSING

- Small Screen
- Small Dosing Feeder

SIFTING , SORTING, SEPARATING

- Zig-Zag-Air-Separator
- Compaction Table

SCREENING

- Dewatering Screen
- Circular Motion Screen
- Linear Motion Screen
- Screen with magnetic drives

WEIGHING

- Withdrawal weighing
- Differential dosing weighing



A member of the

 **JOEST group**

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