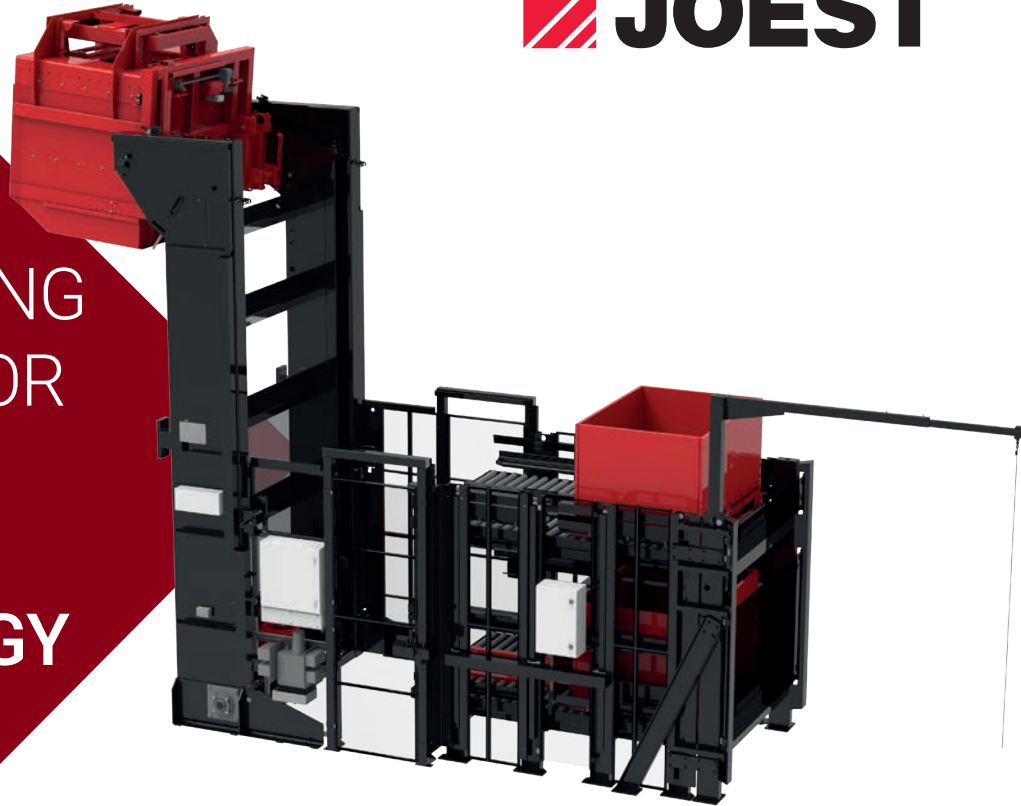
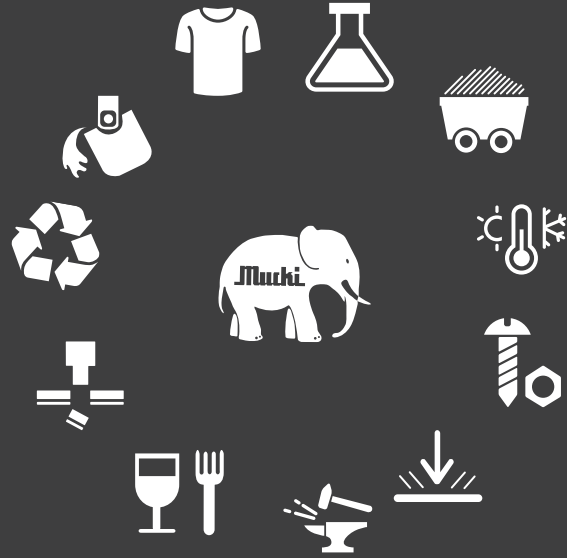




YOUR STRONG
PARTNER FOR
**LIFTING &
TIPPING**
TECHNOLOGY

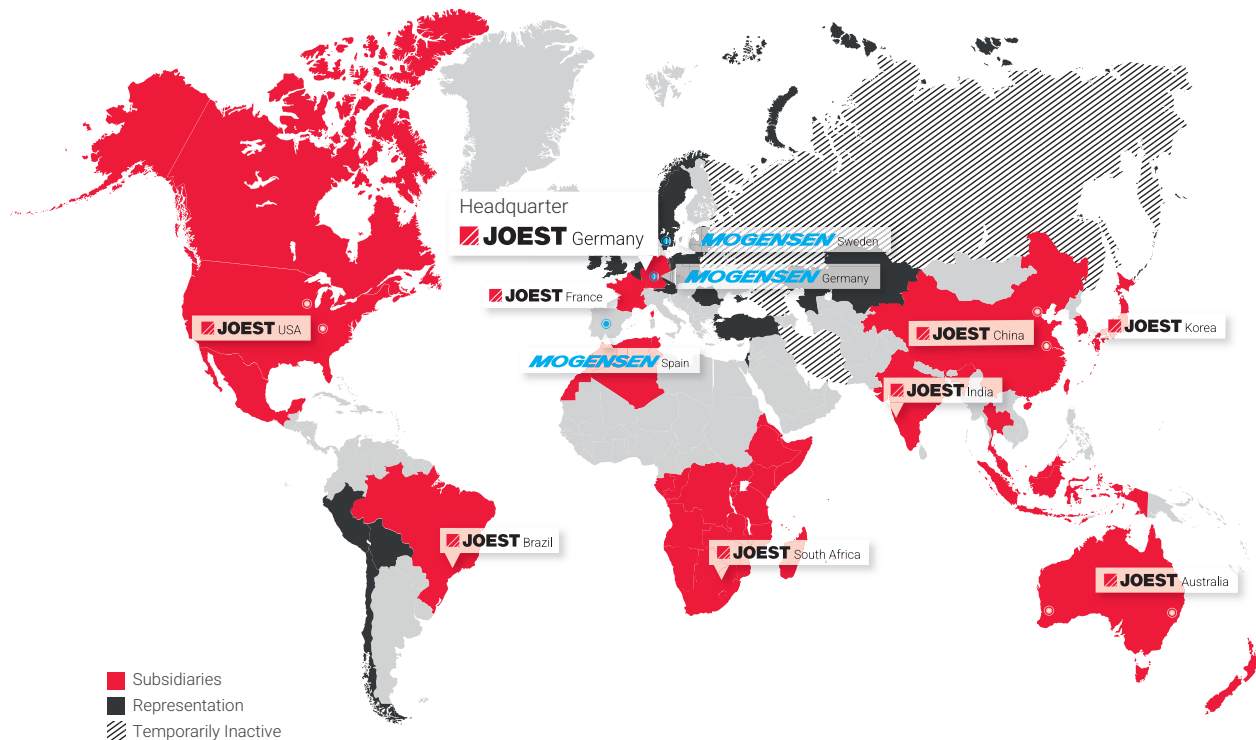




CONTENTS

JOEST GROUP.....	01-02
OUR LIFTING & TIPPING TECHNOLOGY.....	03-04
OUR PRODUCT SERIES	05-06
LIFTING & TIPPING DEVICES	07
LIFTING DEVICES	08
TIPPING DEVICES	09
MODULARITY.....	10
SYSTEM SOLUTIONS.....	11-12
INDUSTRIES & APPLICATIONS	13-14
OUR TEST CENTER	15-16
AUTOMATION TECHNOLOGY.....	17-18
OUR SOLUTIONS.....	19
PRODUCT PORTFOLIO.....	20

JOEST group



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

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

WE BUILD SOLUTIONS.

Lifting & Tipping technology is a core component of our product portfolio for efficient material handling. Our systems are designed for a wide variety of container types and sizes, ensuring safe, controlled and ergonomic emptying of bulk materials – from small parts to heavy castings.

Whether for feeding conveyors, bunkers or directly into downstream customer processes – JOEST provides customized solutions for every require-

ment. Our modular design allows precise adaptation to individual customer needs. In addition to standard solutions, we also develop individual machines, e.g. with integrated dosing or automated control.

As a mid-sized company, JOEST stands out with high vertical integration, flexibility and over a century of experience.

“With us, customers get everything from a single source – from sales and manufacturing to commissioning.”

Alexander Moormann & Dr. Marcus Wirtz, Managing Partner JOEST group

OUR LIFTING & TIPPING TECHNOLOGY

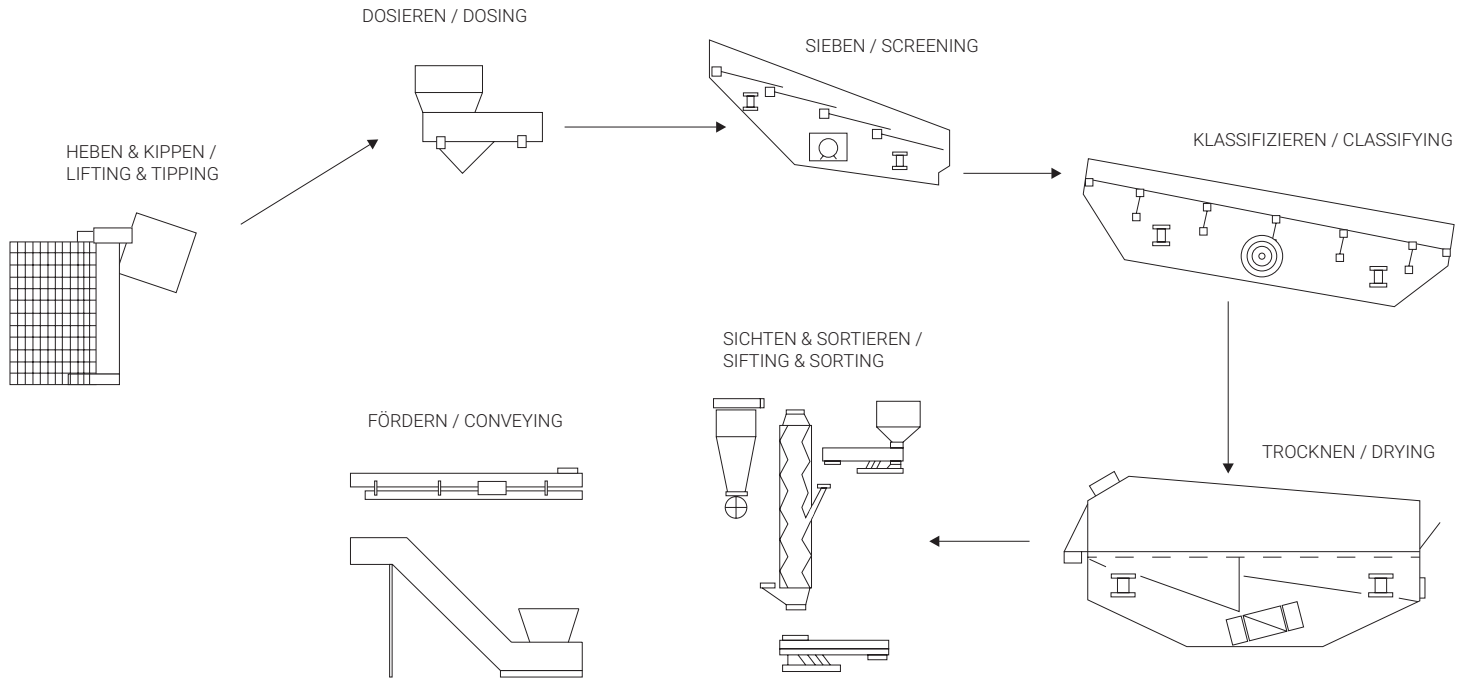
Since 1946, the name DIETERLE stands for high-quality products in handling technology. Since 1960, the brand name MUCKI® has been synonymous with robust, efficient and versatile lifting and tipping equipment. In 2006, DIETERLE – now **JOEST Lifting & Tipping Technology** – became part of the JOEST group. This move marked the continuation of DIETERLE's long-standing expertise and experience under the JOEST name.

Our customers benefit from a comprehensive range of services and well-engineered system solutions – all from a single source. JOEST Lifting & Tipping Technology ensures reliable and efficient material flow, tailored precisely to your processes.

Thanks to their rugged design, state-of-the-art technology and high safety standards, our systems offer maximum operational safety and long service life – in daily use around the world.

WHAT SETS US APART

- ✓ Over 65 years of experience
- ✓ Top quality
- ✓ Tailor-made designs
- ✓ Customer-specific standards



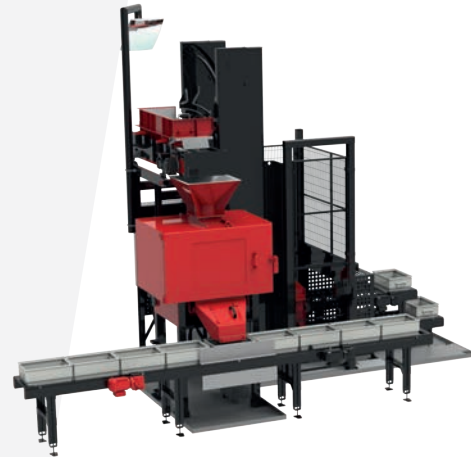


STANDALONE MACHINES

- ✓ Proven technology for versatile applications
- ✓ Modular design
- ✓ Customizable options to meet customer requirements

SYSTEM SOLUTIONS

- ✓ Holistic approach to processes and logistics
- ✓ Reduction of interfaces for customers
- ✓ Cross-functional collaboration between departments





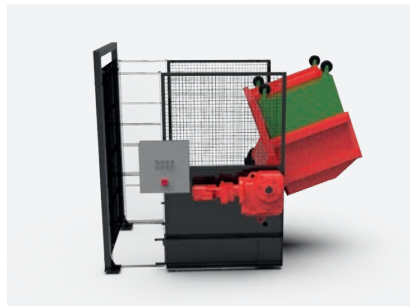
OUR PRODUCT SERIES

Our MUCKI Lifting and Tipping Devices are divided into three main categories. This structure enables us to offer the right solution for a wide range of requirements – from compact standard applications to individually engineered systems.

Each category is tailored to specific applications, load capacities and technical configurations, helping you quickly and efficiently find the ideal equipment for your material handling needs.



LIFTING-TIPPING DEVICES



TIPPING DEVICES



LIFTING COLUMNS



LIFTING & TIPPING DEVICES

JOEST Lifting and Tipping Devices are designed as two-column units and, thanks to their modularity, are used across nearly all industries.

- ✓ Load capacities up to 3,000 kg
- ✓ Tipping angles up to 180°
- ✓ Discharge heights up to 12,000 mm
- ✓ Modular design
- ✓ Customized load handling attachments

LIFTING DEVICES

JOEST Lifting Devices are designed as column-type constructions. The Lifting Devices are characterized by precise positioning and the ability to reach various positions and height levels.

- ✓ Load capacities up to 2,000 kg
- ✓ Variable tipping angles up to 180°
- ✓ Discharge heights up to 9,000 mm
- ✓ Lifting and rotating in up to 3 axes
- ✓ Versatile applications: lifting, tipping, rotating & mixing



TIPPING DEVICES

Our **MUCKI Tipping Devices** are directly driven systems for the safe and controlled emptying of containers at low to medium discharge heights. Their particularly robust design and modular construction allow for flexible adaptation to a wide range of process environments and container types.

- ✓ Compact, robust design
- ✓ Load capacities up to 5,000 kg
- ✓ Tipping angles up to 180°
- ✓ Customized load handling attachments
- ✓ Electromechanical or hydraulic drive system

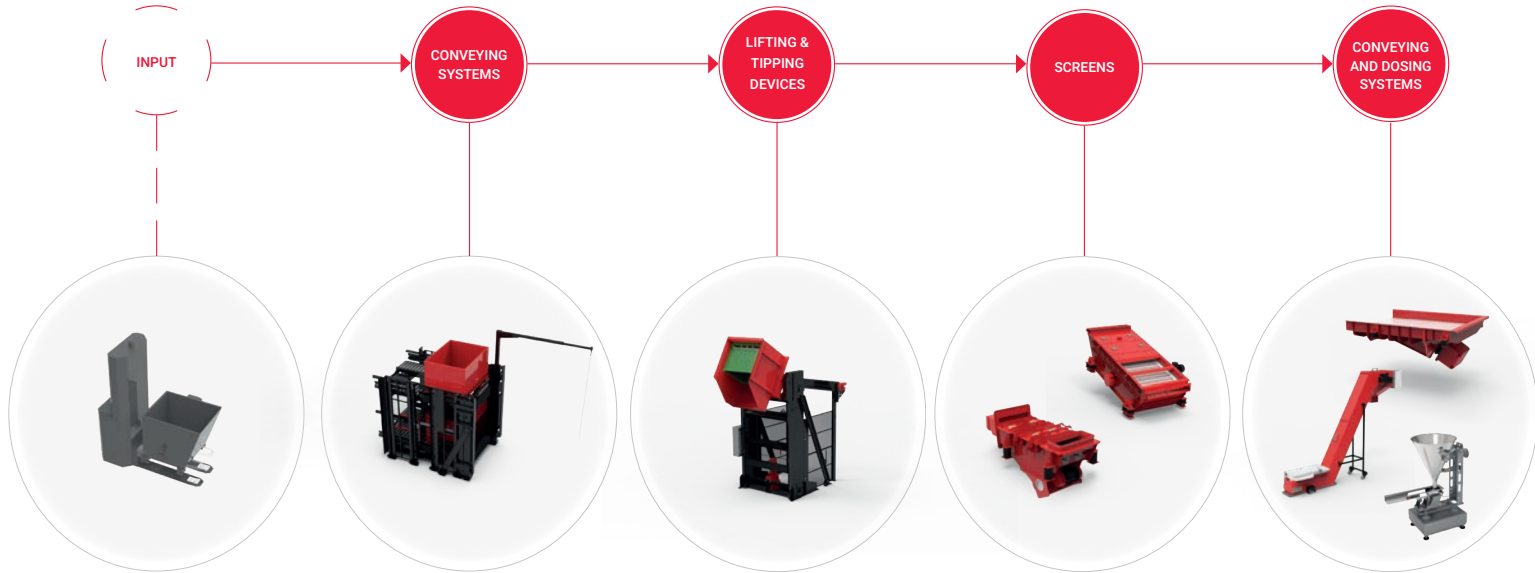


OUR MODULARITY

As a market leader in Lifting and Tipping Technology, we offer a wide range of options for maximum adaptability. Our systems can be precisely tailored to

individual requirements, resulting in products that are not only powerful and safe but also deliver real added value.

- ✓ Custom load handling attachments
- ✓ Active and passive container securing systems
- ✓ Mobile bases (manual or automatic)
- ✓ Stainless steel and ATEX-compliant versions
- ✓ Discharge flaps
- ✓ Wear protection
- ✓ Automatic chain lubrication



SYSTEM SOLUTIONS

System solutions are among our most important unique selling points. As experts in customized solutions, we develop systems that are precisely tailored to **customer-specific requirements**.

Our designs offer maximum flexibility and efficiency. They can be seamlessly integrated into existing plants while meeting the highest standards in process reliability and automation.

- ✓ Emptying of octabins into bunkers with discharge chute
- ✓ Low-dust drum and container handling with automated container feeding
- ✓ Dosing applications
- ✓ Charging of electroplating, washing and blasting systems
- ✓ Filling of mills, mixers or silos
- ✓ Tipping stations for sensitive products with reduced drop height transfers
- ✓ Process integration with conveying and weighing technology, including control systems

INDUSTRIES & APPLICATIONS

JOEST Lifting and Tipping Devices are used in a wide range of industries where bulk materials, containers or workpieces need to be moved safely and efficiently.

Whether it's delicate **food products**, **hot castings** or **metal chips** – our systems offer the right solution for every challenge.







OUR TEST CENTER

Our Test Center is the heart of our innovation – where cutting-edge technology meets decades of experience and cross-functional expertise. Thanks to state-of-the-art hardware and software, we can test developments under real-world conditions and stay at the forefront of technology.

Equipped with the latest systems, the Test Center enables **realistic trials** on an industrial scale – flexible, precise and tailored to your specific requirements. At JOEST, we specialize in replicating your processes to reliably assess technical feasibility and economic efficiency. This provides you with dependable data and a solid foundation for your investment decisions.

In addition, the **JOEST academy** offers a professional training and education program. We provide theoretical expertise and practical knowledge – specifically aligned with your industry, your products and your individual needs.

Because we know: every challenge is unique. That's why our experts support you with in-depth consulting and solution-oriented competence – from concept to implementation.

AUTOMATION TECHNOLOGY

CONTROL & REGULATION

- ✓ PLCs from Siemens and Allen-Bradley
- ✓ Intuitive operation via industrial-grade HMI solutions
- ✓ Customized recipe management based on expert knowledge
- ✓ Modern drive technologies and advanced control algorithms
- ✓ High process reliability and traceability
- ✓ Control and monitoring of third-party systems

INDUSTRIE 4.0

- ✓ Comprehensive monitoring of machine and system parameters
- ✓ Remote maintenance and IoT gateways
- ✓ Dashboard analytics and remote access
- ✓ Integration with higher-level control systems or ERP systems

Our Solutions:

J-WATCH.

Monitoring System

J-SEN 4.0

Vibration Sensor



LEARN
MORE



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

We offer worldwide commissioning and training
with our own personnel that is well familiar
with the JOEST product portfolio.

SYSTEM SOLUTIONS

- Holistic approach to processes and logistic
- Reduction of interfaces for clients
- Cross-functional collaboration between different establishments

STANDARDIZATION

- Proven plant concepts for various applications
- Predefined and proven SPS operation
- Matrix of widths and heights for commonly used machines

PRODUCT PORTFOLIO

LIFTING & TIPPING

- Lifting-Tipping Devices
- Lifting Devices
- Tipping Devices
- System Solutions

SCREENING & SORTING

- Air Cone Separators
- Zig Zag Air Separators
- Separation Tables
- AirVibe Vibration Air Separators
- J-Flow Air Separators

DOSING

- Small Screens
- Dosing Feeders
- Dosing Stations

CHARGING & FEEDING

- Feeders
- Charging Feeders
- Spiral Elevators

DRYING, COOLING / HEATING

& TEMPERING

- Dosing Feeders
- Feeders / Resonance Conveyors
- Spiral Elevators
- Fluidized Beds
- Casting Coolers

SEPARATING, COMPACTING &

BREAKING

- Shakeouts
- Non-Discharging Shakeouts
- Compaction Tables
- Sand Attrition Units
- Pre-Reclaiming Sand Attrition Units
- Spiral Crushers
- Ball Mills

GOESSLING CONVEYING &

PROCESS TECHNOLOGY

- Hinged Belt Conveyors
- Magnetic Slide Conveyors
- Hinged Steel Plate Conveyors
- Wire Mesh Belt Conveyors
- Plastic Hinged Belt Conveyors
- Immersion Bath Conveyors
- Wash Centrifuges
- De-Oiling Centrifuges

SCREENING

- Circular Motion Screens
- Linear Motion Screens
- Flip Flow Screens OSCILLA Family
- Dewatering Screens
- Coarse Separators
- Magnetic Drive Screens
- Small Screens
- Cascade Screens

JOEST **JVM** **GOESSLING** *MOGENSEN*

A member of the

JOEST group

Jöst GmbH + Co. KG, Germany
Gewerbestraße 28-32, 48249 Dülmen

info@joest.com
Fon: +49 2590 98-0

www.joest.com

