

**DEMAG**  
A TEREX BRAND



**Product range**  
SOLUTIONS FOR ALL MATERIAL FLOW,  
LOGISTICS AND INDUSTRIAL DRIVE REQUIREMENTS





## Major moves with new ideas

State-of-the-art material-flow solutions make it possible to optimise production processes, reduce storage and transport costs, cut delivery times and create ergonomic workplaces in companies of all sizes – from small workshops to major industrial enterprises. To meet the diversified needs of our customers, we have developed a unique product range in which everything fits together. Our materials handling components and equipment are designed in such a way that they can be used as solo components, as well as modules used to create complex system solutions.

### 04 Cranes

- Process cranes
- Universal cranes
- Open winch units
- Crane sets

### 08 Modular cranes

- KBK crane construction kit, KBK Aluline
- Pillar-mounted slewing jibs, pillar and wall-mounted slewing cranes

### 12 Hoists and accessories

- Rope hoists
- Chain hoists
- Operating units and controls

### 20 Drives

- Geared motors
- Wheel sets
- Travel unit components
- Frequency inverters
- Power supply lines

### 26 Service

- Tailored service concepts
- Training
- Inspections of load handling attachments and lifting accessories
- Spare parts
- Fault elimination and repairs
- Crane runway surveys
- Modernisation/refurbishment

### 30 Platforms

- Demag online shop
- Demag Designer tool portal

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## Cranes

There is virtually no alternative to the crane wherever large, heavy or awkward loads have to be handled. As classic overhead materials handling systems, on the one hand, they offer the advantage of not wasting any floor space for purely transport functions. When used together with corresponding load handling attachments, process and universal cranes can serve virtually any point within their given operating area for handling and storage tasks, for assembly purposes or for interlinking fully automated production processes.

### PROCESS CRANES

- Overhead travelling cranes, load capacities up to 470 t, spans up to 60 m
- Suspension cranes, load capacities up to 100 t
- Stacker cranes
- Maintenance installations for aircraft
- Crane installations, also fully automated, with dedicated warehouse management computers

### UNIVERSAL CRANES

- Overhead travelling and suspension cranes
  - Single and double-girder overhead travelling types
  - Profile and box-section designs
  - Load capacities up to 100 t
  - Spans up to 35 m
- Wall-mounted travelling cranes

### OPEN WINCH UNITS/OPEN WINCH CRABS

- Load capacities up to 235 t

### CRANE END CARRIAGES

- Rail-mounted units for cranes and related mechanical engineering applications
- Load capacities up to 130 t
- Tandem operation up to 250 t

### CRANE SETS

- Tailored component sets for suspension, single and double-girder overhead travelling cranes



**Concepts tailored  
to meet your needs**



## Investment in profitability and efficiency

### PROCESS CRANES: SPECIFIED FOR INDIVIDUAL REQUIREMENTS AND EFFICIENT

Our process cranes are tailored to meet the needs of your production processes. They are designed and built to specific requirements. In this way, we ensure the highest efficiency, availability and safety for your installations. We offer cost-effective solutions for key industries with six focal applications:

- Paper industry
- Process interlinking
- Bulk material and recycling
- Aviation industry
- Steel production
- Steel handling

### CONTROL CONCEPTS TO MEET SPECIFIC NEEDS

- Manual, ergonomic crane control by radio or from the crane cab
- Faster processes and improved safety thanks to semi-automated operating sequences with destination positioning
- Maximum handling rates and high levels of safety and reliability thanks to fully automated processes
- Demag warehouse management system with configurable storage strategies, comprehensive system visualisation and continuous inventory management



#### **UNIVERSAL CRANES: TRIED AND TESTED IN THOUSANDS OF INSTALLATIONS**

Our universal cranes provide you with quality, efficiency and reliability at the highest level. Every crane and every crane component reflects our decades of crane expertise and reliability throughout the industry.

- Single and double-girder overhead travelling cranes: load capacities up to 100 t
- Suspension cranes up to 8 t
- Wall-mounted travelling cranes up to 6.3 t

#### **CRANE SETS**

Demag crane sets are packages of components tailored to meet specific customer requirements and are completed to form overhead travelling and suspension cranes using locally manufactured steelwork.

- Rapid availability and low transport costs
- User-friendly assembly on the plug-&-play principle
- For single and double crab operation
- Hoists to meet application requirements: Demag rope and chain hoists



**The right solution  
for every requirement**