CRANES AT A HIGH LEVEL
CRANES AT A HIGH LEVEL
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Lifting quality to a higher level – our daily work at ABUS.
For over 50 years, everything at our company has revolved around efficient and well thought through crane solutions for all kinds of industrial buildings and factory floors. Where a variety of heavy loads are moved daily, quality and precision down to the smallest component is sought after, and this is exactly what makes ABUS one of the leading indoor crane manufacturers in Europe. In addition to our company headquarters and our production site in Gummersbach, we are represented globally by seven further locations as well as an international sales and service network.
It's not only loads that we transport, but also values, such as trustworthy co-operation.
Regardless of how difficult the task is or how demanding the conditions are – together the challenges are much easier. This teamwork dynamic is as true within our company as it is for the partnership with our customers. We consult with each other and look for the best solution for the specific lifting application.

As a family company, we are independent from investors’ interests and benefit from the high level of commitment from the owners.

No one knows your special requirements and goals better than you do. We identify the possibilities for taking you on the fastest, safest and most efficient paths to get there.
With complete solutions from a single source, progress can be controlled significantly better.
MATERIAL FLOW

1st level

On the highest level, ABUS overhead travelling cranes transport loads over the entire production area.

2nd level

The areas along the building wall are served by ABUS wall travelling cranes and ABUS semi-goliath cranes.

3rd level

ABUS light crane systems and ABUS jib cranes equip localised areas and workbenches with lifting capability for their own independent, fast and precise work.

EFFICIENCY AT EVERY LEVEL

The combination of cranes is decisive for optimising the material flow in your manufacturing. The ABUS product range ensures more productivity and efficiency on all three levels.
ABUS overhead travelling cranes

Moving on up

Load capacity up to 120 t
Span up to 42 m

ABUS overhead travelling cranes, with their large span and a maximum load capacity of up to 120 t, ensure smooth transport of large and heavy goods even at the upper material flow level. They can lift, lower and transport loads punctually, in a straight line or anywhere throughout the entire building area.

Depending on their area of use and the operational requirements, you can choose between five various designs: single girder travelling cranes, double girder travelling cranes, underslung overhead travelling cranes, wall travelling cranes and single girder semi-goliath cranes.

For transporting especially large and heavy goods - Maximum load capacity of up to 120 t
Available as single girder travelling cranes, double girder travelling cranes, underslung overhead travelling cranes, as well as wall travelling cranes and single girder semi-goliath cranes.

AT A GLANCE

HEAVY LOADS, AN EASY GAME
Every order is different, loads vary, and thus the crane installation should also be as easy to adapt to changing circumstances as possible. The ABUS HB system is based on the modular principle. Depending on the performance demands and space conditions, you can choose from various crane profiles in either steel or aluminium. Thanks to fully resilient shock absorbent overhead suspension, the selection can be made independent of the suspended position of the crane tracks. This makes future modification and reinstallation of systems easier.
ABUS jib cranes ensure more flexibility in the workplace and the choice of fixings, hoist and additional features allow adaptation to your application – and all to the highest quality you would expect from ABUS. They are available in three sizes, from light to medium duty designs, which can be combined with electric chain or electric wire rope hoists according to load capacity. They can handle loads up to 6.3 t easily and gently at the push of a button.

Especially smooth-running workplace cranes

From simple cranes up to convenient complete solutions

Depending on the load capacity, they can be combined with electric chains or electric wire rope hoists

A variety of mounting versions

Electrical connections via quick-fit connectors

AT A GLANCE
Absolute availability is the most important characteristic of a wire rope hoist. ABUS electric wire rope hoists lift up to 120 t and are technologically, electrically and electronically designed for the highest level of reliability and the toughest uses. Their extraordinary quality, flexibility and optimised service friendliness are impressive and offer precision hoist and travel speed as standard.

ABUS wire rope hoists are offered as both complete hoists on cranes as well as components. All wire rope hoists have something in common though: they are invented, developed and produced by ABUS. As the centrepiece of the crane, the hoist is responsible for safety and comfort when lifting loads – our own development and production expertise is embodied in it.
ABUS electric chain hoists

| Load capacity up to | 4 t |

YOU LEAD THE WAY, WE’LL FOLLOW.

In stationary installations, with push trolleys or electric trolleys, ABUS electric chain hoists have a number of extremely useful, user-oriented advantages. These include a very low headroom design for optimum utilisation of available space, a standard precision hoisting speed for sensitive lifting and lowering operations and brake linings with a long service life as well as comprehensive supplementary equipment. And all this at a load capacity of up to 4 t.

ABUS chain hoists complete the product range at the lower end of the load capacity spectrum. Small loads can be moved reliably and comfortably with these state-of-the-art hoists. ABUS chain hoists can be adapted to every purpose by using supplementary equipment. Their compact structure, service friendliness and electrical design are impressive. Direct control is possible, in markets where this is appropriate.

AT A GLANCE

Especially low headroom design
Precision hoisting speed as standard
Brake lining with extremely long service life
Additional system components for special applications
Highest quality due to the most modern series production
Compact design and optimal service friendliness
The ABUS mobile gantry crane is the universal economical solution, where lifting capacity is not permanently required and is frequently required at various places. It is designed for the ABUS electric chain hoist and for loads up to 2 t. On its four steerable stopper rollers, of which two are equipped with 90° directional locks, the ABUS mobile gantry crane is especially easy to move. Furthermore, its supporting structure allows it to be disassembled easily. It comes in two sizes, enabling it to reach the required heights and widths of the crane over a wide area.

**AT A GLANCE**

- Universally applicable due to absolute mobility
- Can be easily disassembled if necessary
- Use of almost all ABUS chain hoist types is possible
- Complete crane incl. chain hoist via quick-fit connections
- With four steerable stopper rollers

**STRENGTH CAN BE SO EASY**
ABUControl is a modular crane control based on single, exchangeable electronic components that have been successfully used in modern automation technology for many years. The growing demand for up-to-date and innovative machines requires powerful and intelligent control systems in the age of the fourth industrial revolution.

With ABUControl, the possibilities of technological progress have been consistently and economically integrated in the crane control. The features available to the operator increase user-friendliness, service-friendliness as well as the safety of the crane system.

**Intelligently networked crane technology**

- Modular, individually exchangeable electronic components
- Proven memory-programmable control (PLC)
- Can be controlled remotely ABURemote
- Comfortable sway control
- Graphic interface with wifi (WLAN) access
- Electronic track guidance system

**AT A GLANCE**
You can trust in our long-standing experience and technical expertise during installation and commissioning. We take care of the scheduled co-ordination of the delivery at the installation site and the timely provision of the equipment such as mobile crane, access platforms and fork lifts required for the installation.

Our qualified ABUS skilled technicians have mastered the latest technical standards of our products and install them with a high awareness of safety.

We will also gladly take care of the legally required „Test prior to initial operation“ before the first use of your crane. Regardless of which ABUS product or service you have chosen – you can always be certain of its high quality.

Our high quality standards and our understanding of co-operative partnership don’t stop after the completion of the crane installation. Quality goes a lot further at ABUS. Even after your crane has left our factory, we are at your service and support you as an important customer during the entire service life of the system – and even further. We assist you with advice, customised service and training programmes.

Our ABUS DirektService includes everything to enable the straightforward, efficient and cost-effective performance of your crane installation. Over 40 service centres nationwide are the backbone of DirektService. Our highly-qualified staff have the necessary expertise to assist you with your problems and questions. In the event servicing is required common spare parts are available in our warehouses.
Wherever the journey goes, the destination is always the same: the highest customer satisfaction.
EVERYWHERE, WHERE IT GETS HEAVY

ABUS crane systems are available everywhere that heavy loads of 80 kg up to 120 t have to be moved. Whether it’s lifting or lowering, comprehensive or linear transport – our solutions perfectly adapt to the various building geometries and system demands. That’s how they increase the productivity of many well-known companies and are used internationally by industrial companies and workshops in numerous sectors, including the steel industry, its manufacturing, processing and engineering, automobile industry, mechanical engineering, shipyards, plastic processing, steel engineering, wood industry, wind energy systems engineering and many, many more.

A small extract of current reference examples and areas of application can be found on the following page.
Emde GmbH, mechanical engineering in Singhofen

Municipal utilities, energy and water supply in Rösrath

ABB Daimler-Benz Transportation, manufacturing of rail vehicles in Nuremberg

University of marine science in Plymouth, research institute in England

Anchor Lamina GmbH, tool manufacturing in Chemnitz

Hydroelectric power station in Rottneros, Energy supply in Sweden

Lux-Werft und Schiffahrt, ship construction in Niederkassel

Fire department in Frankfurt am Main

V. Krütten GmbH, manufacturing of medical plastic systems in Kierspe

sta - Schalltechnische Anlagen GmbH, noise control systems in Hamm/Sieg

Audi AG, automobile industry in Ingolstadt

Hamm AG, mechanical engineering in Tirschenreuth
KranHaus

MOVING INSIGNS INTO OUR WORLD

Transport loads single-handedly with a powerful overhead travelling crane, experience the ease of our crane systems yourself, ride in a 8-metre-high crane - the KranHaus at our company headquarters in Gummersbach offers an overview of current crane technology as well as an exciting insight into real-life working situations in a building that has 1,600 m² of space. In the crane workshop above the crane building, service technicians, installation engineers, maintenance staff and crane operators are trained. Seminars on the themes of crane maintenance, repair and servicing take place in the modern training rooms that are equipped with special technology.

You are also warmly welcome to get to know the KranHaus yourself, and to optimise your individual material flow with us.
THE BERGISCH REGION HAS ALWAYS BEEN KNOWN AS THE TRADITIONAL MECHANICAL ENGINEERING REGION. THE HEART OF ABUS BEATS HERE TOO: THE HIGH QUALITY CRANE SYSTEMS ARE MANUFACTURED AT OUR FOUR PRODUCTION SITES AROUND GUMMERSBACH AND ARE SOLD AND DELIVERED WORLDWIDE FROM THERE.

ABUS SERVICE AND SALES LOCATIONS WORLDWIDE
WE’LL ALSO GLADLY MAKE THE TRIP TO YOURS!

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