



FULL-SERVICE PROVIDER

FOR CRANES, HEAVY HAULAGE AND ENGINEERING

HÜFFERMANN
GRUPPE



PREFACE.



Dear readers,
I am delighted to present our company to you in this latest service brochure: a strong partner that supports you as a full-service provider in the areas of cranes, heavy haulage and engineering. We offer you tailor-made, first-class solutions for your challenges and impress you with our expertise.

With 12 locations in 7 federal states and more than 800 employees we provide both regional presence and nation-wide support. Our dedicated team of experts combines many years of experience with a passion for crane and heavy-duty technology as well as for innovation and quality. We continuously invest in the training of our employees and in modern technologies, machines and vehicles to ensure that you always receive the best possible service.

Your satisfaction is our top priority – which is why we always go the extra mile to offer you solutions that exceed your expectations. We are also aware of our responsibility towards the environment: sustainability and the principles of ESG (Environmental, Social, Governance) are integral parts of our corporate philosophy. Through environmentally friendly practices and the continuous reduction of our ecological footprint, we actively contribute to a better future.

In this brochure, you will find a detailed overview of our wide range of services, carefully tailored to the needs of our customers across a wide range of industries.

As a full-service provider, we offer you more than 1,200 cranes, machines, vehicles and rental equipment – all from a single source. We accompany you from the initial consultation to the site visit, the creation of CAD lift plans and project management, right through to the successful implementation of your heavy-duty projects. If required, this also includes comprehensive services such as the organisation of traffic engineering, heavy transport official requirements and necessary approvals.

We know that trust and close cooperation are the keys to success. That is why we attach great importance to transparency, open communication and ensuring that you always feel confident and well supported when working with us. Thank you for your interest in our company. We look forward to supporting you with your projects!

Daniel Janssen
Managing Partner

1965



First Hüffermann crane

Start of crane service as an important addition to the towing service. The collaboration between Hüffermann and Liebherr began back in the 1960s and 1970s.

2021



Hüffermann's major crane offensive

Hüffermann expanded its fleet with 20 new Liebherr mobile and crawler cranes, including a powerful 1,000 tonne crane, to serve cover more infrastructure and wind energy projects.

2022



Acquisition of the Thömen Group

Hüffermann acquired the Thömen Group, expanding its presence as well as crane and heavy transport services in northern and eastern Germany.

2023



Acquisition of Knaack Krane

Hüffermann acquired Knaack GmbH in Hamburg, thereby strengthening its capacity in northern Germany with additional cranes and skilled personnel.

HÜFFERMANN

Acquisition of ADW and Eisele

Takeover of Autodienst West Ganske GmbH and Eisele GmbH in Maintal. This enabled Hüffermann to establish a presence in the Frankfurt/Rhine-Main metropolitan region in southern Hesse, adjacent to Rhineland-Palatinate (Rhein Hessen) and Bavaria (Lower Franconia).

2018



70 new Liebherr tower cranes

The Hüffermann Group purchased 70 Liebherr tower cranes to build a new rental fleet and planned an additional major order to expand its crane service.

2021



2022



20 new SPMT axle lines

The Hüffermann Group acquired 20 axle lines of self-propelled modular transporters (SPMT) from Cometto. Together with the jack-up lifting system, this expanded project engineering and heavy-lift capacity.

2024



222 million investment

Over the past three years, Hüffermann has invested 222 million euros exclusively in Liebherr cranes. In addition to mobile and crawler cranes, since 2021 the company has also focused on tower cranes, which are particularly in demand for infrastructure projects.

YOUR STRONG PARTNER NATIONWIDE
AND IN ALL INDUSTRIES.

Hüffermann Group – Full-service
provider for cranes, heavy haulage &
project engineering

Since 1913, Hüffermann Krandienst has grown into a company with more than 800 employees at 12 locations in 7 federal states. Through further acquisitions of Autodienst West Ganske GmbH, velsycon GmbH, Eisele GmbH - Crane & Engineering Group, Thömen Group and Knaack-Krane, Hüffermann is now a full-service provider for cranes, heavy-duty logistics and project engineering and ranks among the five largest mobile crane providers in the GSA region.

Managing Partner Daniel Janssen about the growth of the group: "With the addition of medium-sized crane companies that have been established in the market for decades, we have gained competence and expertise as a group.

We are continuing to expand our locations, modernised our vehicle fleet, and are offering our customers comprehensive expertise and services from a single source." Comprehensive service areas in crane services, the rental of work platforms and other rental equipment, as well as transport logistics for heavy assembly and project engineering, are closely interconnected. The Hüffermann Group has established itself nationwide as a specialist in renewable energy, telecommunications, construction and renovation, infrastructure such as bridge and tunnel construction, industry, petrochemicals and port handling & logistics.

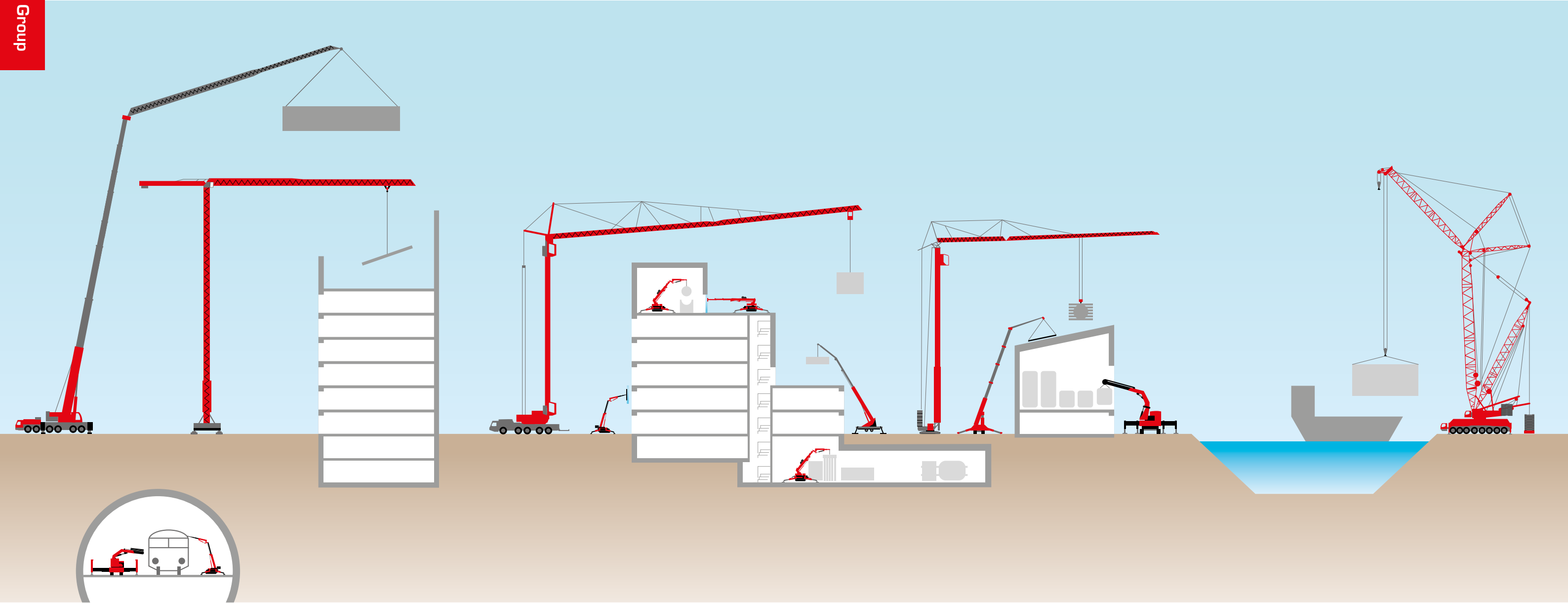
On the subject of ESG – environment, social affairs and corporate governance – Janssen summarises: "Our philosophy is based on ethical conduct, respect, economic and ecological thinking, and future-oriented solutions. The protection of our employees and our company remains our top priority."

CRANE SERVICES	<ul style="list-style-type: none">» Mobile cranes & crawler cranes up to 1000 t, mobile construction cranes» Compact cranes & loader cranes» Electric cranes	TECHNICAL CONSULTING, PROJECT PLANNING AND EHS
TOWER CRANES	<ul style="list-style-type: none">» Rental» Assembly & transport» Service, maintenance & spare parts	<div>AUTODESK AUTOCAD</div> <div>CRANEbee</div>
HAULAGE & HEAVY-DUTY TRANSPORT	<ul style="list-style-type: none">» Heavy-duty transports & transport logistics» Heavy transport escort BF2, BF3, BF4, permit service» SPMT (self-propelled modular transporters) & modular self-driving vehicles	HEAVY LIFT & PLANT MACHINERY MOVEMENT ENGINEERING
WORK PLATFORMS, RENTAL EQUIPMENT, SERVICE & ASSEMBLY	<ul style="list-style-type: none">» Height access technology up to 103 m working height» Mini cranes & trailer cranes» Construction equipment: stone-laying cranes, masonry work platforms, stone saws» Glass installation equipment: glass suction cup, glass robot, glass manipulator» Traffic engineering, road closures & construction site safety	<ul style="list-style-type: none">» Assembly equipment» Lift & Shift» Lifting systems / Jack-Up Systems» Self-propelled modular transporters» Machine removals, company relocations, industrial assembly, storage
RENTAL & SALES	<ul style="list-style-type: none">» Roll-off trailers & skip trailers» Skip tipper & roll-off tipper» Crane trade, export, financing	

LOCATIONS OF THE HÜFFERMANN GROUP.
www.hueffermann-gruppe.de



CRANES FOR EVERY
RANGE OF APPLICATION.



MOBILE CRANES: ALL-TERRAIN CRANES WITH LARGE WORKING HEIGHTS.

Modern drive technology and chassis ensure comfortable crane operation

Our LTM mobile cranes from Liebherr with all-terrain chassis are designed for all requirements. They can be driven independently on public roads and deployed flexibly off-road. With additional lattice extensions and fixed or luffing jibs, which can be used as required, the powerful cranes with their telescopic booms can reach impressive working heights. As a road-going mobile crane, the LG 1750 lattice boom crane features the tallest lattice boom and combines the flexibility of a 750-tonne crawler crane. With a modern fleet ranging from the LTM 1030-2.1 to the LTM 1750-9.1 and the LG 1750, our fleet covers all important performance classes for versatile applications.

In addition to mobile crane hire, our services also extend to permits, escort vehicles, and traffic management services.

Areas of application

- » Telecommunications
- » Infrastructure
- » Construction & renovation
- » Renewable energies
- » Port handling & logistics
- » Industry & petrochemicals
- » Aerospace



CRAWLER CRANES: OUTSTANDING EVEN AT GIGANTIC HEIGHTS.

Any terrain, quick to deploy, high load capacity

Crawler cranes are characterised by their high load capacity, lifting height and impressive reach. We use telescopic cranes on crawler tracks, LTR cranes from the LTR 1060 to the LTR 1220, and lattice boom cranes from the LR crane series (LR 1600/2 to LR 11000) from Liebherr. Depending on the application, boom extensions, luffing devices and guy ropes can be fitted. With our crawler cranes, we are a strong partner in the wind power industry as well as in infrastructure projects such as bridge construction.

Areas of application

- » Infrastructure projects
- » Industrial construction
- » Renewable energies
- » Petrochemicals & power stations



MK MOBILE CONSTRUCTION CRANES: ONE-MAN OPERATION IN THE MOST CONFINED SPACES.

High mobility, quiet operation, overcoming high obstacles

MK Mobile construction cranes combine the mobility of a classic truck-mounted crane with the functional advantages of a tower crane and are designed for multiple uses per day. The mobile taxi cranes are compact, flexible and therefore ideal for use in confined spaces. They are particularly suitable for inner-city applications and, thanks to their quiet operation, can also be used at night. With MK cranes, everything is on board and no additional ballast or jib is required. At full jib length, it is also possible to work with high loads at the tip over high obstructions. For low-noise operation, the MK can also be powered electrically using power from the construction site. In addition to conventional operation, the MK can also be controlled via remote control. This guarantees set-up procedures with direct visual contact. From the MK 73 to the MK 140, various models are available for the right application.

Areas of application

- » Roof and facade work
- » Timber, steel and hall construction
- » City centres
- » Refineries and chemical plants
- » Construction and renovation



LTC COMPACT CRANES COMPACT AND MANOEUVRABLE.

LTC taxi cranes for working in confined spaces

The LTC compact crane is a specialist for indoor and outdoor use in confined spaces and is particularly compact and manoeuvrable. It enables high loads to be telescoped, which is a decisive advantage, especially for assembly work in halls and confined spaces. The telescopic crane cab provides a clear view during crane work and when driving. Both the upper and lower carriages of the LTC can be controlled via remote control during driving and crane operation. This is particularly advantageous from a safety perspective and on narrow and restricted construction sites. Our compact cranes can be used for both special LTC jobs and conventional LTM crane work.

Areas of application

- » Industry
- » Operations in confined spaces with heavy loads
- » Logistics sector
- » Assembly work in halls
- » Trade fair construction



2-IN-1 LOADER CRANES.

Crane work and transport with one machine

Truck-mounted loader cranes are compact lifting and transport devices that combine crane work with transport journeys. Flexible and independent, trucks with loader cranes of types PK 28.002 up to PK 200002 L SH can be driven on roads throughout the country without requiring a permit. Even in confined spaces, they prove their compactness and manoeuvrability and are equipped with additional attachments for glass installation work. The range of crane attachments also includes a fly jib with rope winch, a gooseneck for assembly work with limited space at height, a pallet fork, an excavator bucket, tongs for loading mobile roadways and a man basket. The truck loading crane is an all-rounder that can also be used as a self-loader and for freight transport with additional low-bed trailers and semi low-loaders.

Areas of application

- » Timber frame construction
- » Window installation / glass construction
- » Ceiling installation
- » Hall construction
- » Prefabricated component installation
- » Construction crane installation / construction crane transport
- » Boat transport
- » Transport & installation of solar collectors & photovoltaic modules
- » Containerumsetzung/Containertransporte
- » Maschinenumsetzung/Maschinentransporte



ELECTRIC CRANES EMISSION-FREE.

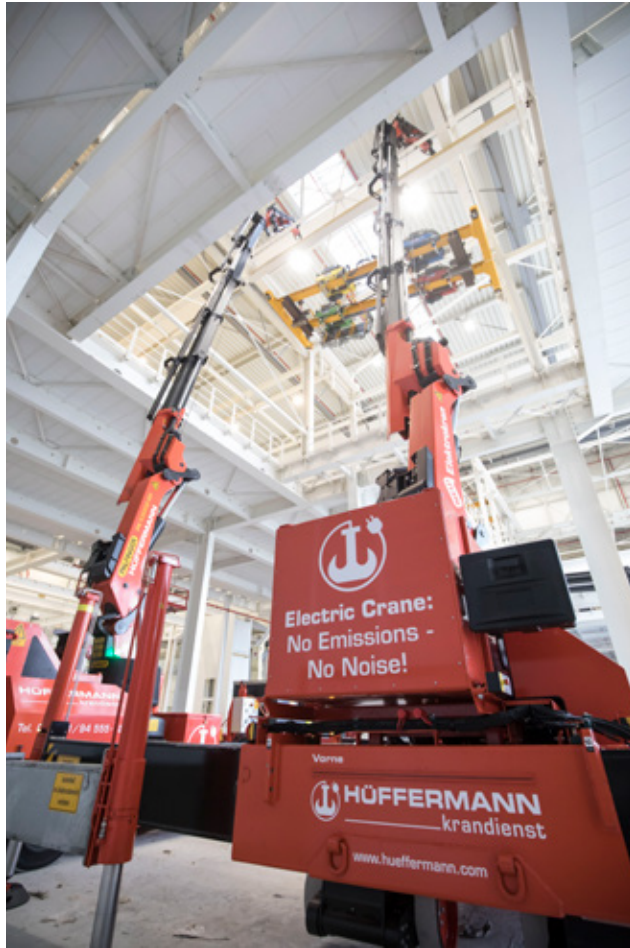
Crane work without exhaust fumes or noise: pick & carry function

Everyone is talking about electromobility, and Höffermann is making it a reality. The electric crane is quiet and emission-free, with millimetre precision, manoeuvrability and compactness. The electric crane from Höffermann supports all kinds of assembly work, both outdoors and indoors. Especially in confined spaces in halls and industrial plants, the use of the special assembly crane with its pick & carry function is recommended as a cost-effective special solution for production reliability and robot replacement. This electric all-rounder is an asset in the field of heavy-duty project engineering and is available in performance classes from PK 34002 SH E to PK 65002 SH E.

Areas of application

- » Assembly work
- » Robot replacement
- » Heavy assembly work
- » Automotive industry
- » Aviation
- » Food industry

Type of crane	PK 34002 SH E	PK 42002 SH E	PK 53002 SH E	PK 65002 SH E
Vario outrigger	ja	ja	ja	ja
Winch	2,5 t / 3,0 t	2,5 t / 3,0 t	2,5 t / 3,0 t	2,5 t / 3,0 t
Rope winch compensation / synchronisation	ja	ja	ja	ja
Maximum lifting capacity	7 t bei 4,20 m	8,4 t bei 4,40 m	10 t bei 4,20 m	13,4 t bei 4,20 m
Max reach on the main boom	1,8 t bei 14,40	2 t bei 16 m	2,5 t bei 16 m	3,1 t bei 15,70 m
Maximum reach on the auxiliary boom	870 kg bei 20,3 m	740 kg bei 24 m	600 kg bei 29 m	640 kg bei 30 m



TOP-SLEWING CRANES: EC-B CRANES WITH FLAT-TOP DESIGN.

Multiple cranes can work safely and closely together on confined sites

Liebherr top-slewing cranes have considerable lifting heights and lifting speeds. Centerless flat-top EC-B cranes can also be used in parallel for work in confined spaces. The modern construction cranes are available from 125 mt (125 EC-B) up to 520 mt (520 EC-B fibre) for individual applications. In addition to assembling our own cranes, we also relocate your construction crane and organise the transport of the individual parts as well as any special permits that may be required.

Areas of application

- » Building construction
- » Infrastructure projects
- » Loading work
- » City centres



FAST-ERECTING CRANES: RAPID ERECTION AND VERSATILITY IN USE.

Tower cranes in the K and L series Quick and flexible to use

Fast-erecting cranes – also known as bottom-slewing cranes – are ready for use in no time at all and, as fully operational units, easily transportable. The K cranes of types 34 K, 53 K, 65 K.1, 81 K.1 and 125 K stand out in particular for their flexibility and guarantee optimum cost and time planning. They can be erected in almost any space and adapt to the respective construction site situation thanks to their unique assembly concept. The L cranes of the L1-24 and L1-32 series are particularly advantageous for sites with limited space. They combine power and compactness.

Areas of application

- » Residential construction
- » Small infrastructure projects
- » Industrial projects
- » Construction sites with limited space
- » Construction and renovation
- » Renewable energies / installation of PV systems



CRANE OPERATOR TRAINING FOR TOWER CRANES

Certificate & licence after training at our head office in Wildeshausen

We train people in accordance with DGUV Regulation 52, § 29 Point 1.3 who are instructed in the operation or maintenance of the crane and whose qualifications have been issued. In doing so, we work together with an expert office.



HEAVY-DUTY TRANSPORTS & TRANSPORT LOGISTICS.

Freight forwarding for your project – no matter how heavy, how high, how wide

We carry out national and international heavy haulages with a length of up to 28 metres and a payload of up to 114 tonnes and take care of the transport logistics for your goods. This includes both transport permits and the provision of transport escorts. For special transports in terms of width, length and height, as well as the transport of heavy loads, our team from Heavy Lift & Transport Engineering provides support with individual solutions. This also involves the use of modular self-propelled vehicles, the SPMT, for example. As a full-service provider, Huffermann also offers all related services that go hand in hand with transportation. These include, for example, crane work as well as lifting systems and load lifting attachments.

Heavy transport escort BF2, BF3, BF4 and permit service

Expertise proves its worth. Our team for accompanying heavy-duty transports and permit services knows how to get you to your destination, even at short notice and in the face of special challenges. We take care of all the planning, including obtaining official permits, route checks and the organisation of additional services.

Areas of application

- » Machine transport
- » Transfers
- » Heavy haulage
- » Plant transport
- » Relocations
- » Infrastructure projects
- » Renewable energies



SPMT & LIFTING SYSTEMS – SUPPORTERS FOR INFRASTRUCTURE & INDUSTRY.

MSPE drives underneath and transports – Jack-Up System lifts any heavy load

The SPMT / MSPE – the Self-Propelled Modular Transporter from Cometto provides a complete system for heavy-load transportation. With its modularity, versatility and manoeuvring accuracy in the tightest of spaces as well as the extensive range of accessories, the SPMT from Cometto offers the ideal transport solution for every challenge in the heavy categories in sectors such as heavy-duty transport, heavy industry, ship-building, oil & gas, offshore technology and more.

The self-propelled electronic modular trailers are mobile platforms with multiple axles and their own drive system. Experienced colleagues use remote control to steer the SPMT with millimetre precision, enabling them to transport very large and bulky loads. They can also be combined to form transport systems of any length and width. The combination of SPMT and lifting system is a particularly efficient solution in the field of heavy lifting technology. The Jack-Up series step lifting system from Enerpac enables synchronous lifting of loads with multiple lifting units.

Areas of application

- » Machine relocation
- » Plant construction
- » Infrastructure projects
- » Tunnel construction and mining
- » Renewable energies
- » Industry & petrochemicals
- » Project forwarding
- » Heavy haulage engineering



HEIGHT ACCESS TECHNOLOGY: THE WORLD'S HIGHEST WORK PLATFORM.

Lifting platforms with working heights of up to 103 metres available for na- tionwide rental

Hüffermann's work platform hire service is extremely versa-
tile: modern truck-mounted work platforms with working
heights from 30 to 103 metres are available for a wide range
of applications. In addition, the Wumag WT 1000 on a 5-axle
all-terrain crane chassis offers particularly flexible use at a
height of 103 metres and scores points for its robustness and
manoeuvrability with all-wheel steering, even on rough ter-
rain. Telescopic and articulated telescopic platforms, cherry
pickers and special platforms are also available at short notice.

Areas of application

- » Facade work
- » Work in stadiums
- » Gardening and landscaping
- » Large events
- » Industrial plants
- » Construction and renovation work
- » Telecommunications



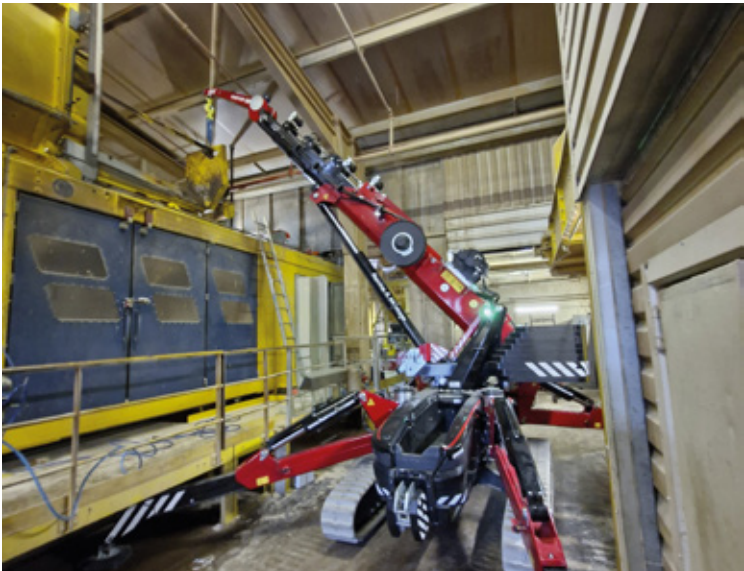
MINI CRANES – ELECTRIC, MULTIFUNCTIONAL AND ROBUST FOR CONFINED SPACES.

Pick & carry function – control on the device – use for glass installation

The mini crawler crane has proven itself to be an all-rounder. Compact and powerful, the fully electric mini crane can be used for both indoor and outdoor work. It can also be relied upon for installation and work areas that are difficult to access - both in buildings and in the city. The Hoeflon mini cranes can be operated directly on the device or by remote control. With the pick & carry function, which is particularly successful in the field of glass installation, the spider cranes can move 9 tonnes. With their maximum reach of 22 metres, they still reach a capacity of 400 kg. In addition, the compact cranes can be expanded with the Hoeflon multitool. Various attachments provide support, for example, when clamping and moving beams and pipes, as well as for picking up and lifting glass panes.

Areas of application

- » Outdoor and indoor use
- » Glass installation
- » Assembly and lifting work
- » Pick & carry work
- » Industry
- » Construction and renovation



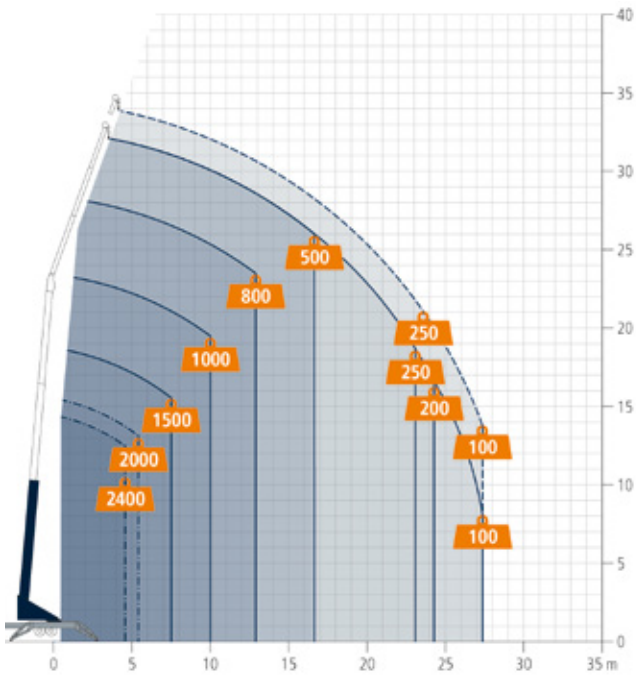
TRAILER CRANES FOR CONSTRUCTION PROJECTS.

Mobile roofing cranes also operated electrically

Trailer cranes from Böcker are fast, flexible and easy to operate. The roofing cranes can lift heavy loads of up to 2.4 tonnes, are versatile, and also provide optimum support for short-term use - both indoors and for outdoor work. Thanks to their good ground load distribution and self-propelled drive, the trailer cranes are easy to manoeuvre. An additional electric motor can be used as an option with the AHK 30e KS. The motor can be started and stopped using the crane's radio control system. The AK 37 mobile crane from Böcker offers unbeatable compactness with full crane performance. With payloads of up to 3 tonnes and extension lengths of up to 37 metres, it is an unbeatable allrounder on construction sites. It can also be operated by radio remote control.

Areas of application

- » Glass construction and glass installation
- » Carpentry and timber construction
- » Roofing work such as repairs and renovations
- » Hall construction
- » Conservatory construction
- » Construction site installations
- » Industrial installations



GLASS SUCTION CUP, GLASS ROBOT, GLASS MANIPULATOR AND 3D MULTITOOL.

Glass installation equipment for every window installation – whether heavy, large or curved

Highest precision and modern glass lifting technology is required for glass installations. The weight, material, and dimensions of the elements to be installed are becoming increasingly demanding – and so are the requirements for glass installation equipment. Höffermann rents out modern glass suction cups, glass robots, and 3D glass manipulators for millimetre-precise work. Machines with load capacities of up to 1000 kg are used for this purpose, which, also in combination with mini cranes & trailer cranes, can be used for both indoor and outdoor work. We use truck loader cranes for canopy installations and glazing work, even under roof overhangs and for overhead glazing. In addition to the precise lifting of glass elements, the glass installation cranes can also transport them.

Vacuum glass suction cups – The glass installation device can be used with the aid of a loader crane, mini crane, or even a mobile crane at a distance from the building. The glass suction cup is also suitable for installing glass inside a building for different types of panes.

Glass robots – assist with moving, lifting and installation and have proven themselves for millimetre-precise work in glazing and facade work. The hydraulically operated glass installation device makes it easy to safely move different materials such as glass, windows, panels, and stoneware.

3D glass manipulators such as the radio-controlled and electric Sky Lifter from Smartlift work without any restrictions on working height. The machine – or loader crane – to which the glass manipulator is attached, is used as a glass installation crane. The vacuum suction cups are telescopic, enabling both exterior and interior glazing. Hydraulic operation is precisely controlled by radio remote control.

Areas of application

- » Glass work
- » Facade construction
- » Stone & steel
- » Work on upper floors
- » Interior & exterior glazing
- » Glazing work on canopies
- » Industry & production



CONSTRUCTION EQUIPMENT FOR VERSATILE USE.

Rental: Stone-laying cranes, masonry work platforms, stone saws, band saws

A must in the construction industry: construction equipment. We rent out modern machines from reliable manufacturers such as Lissmac and Schulte Transportsysteme. Our construction equipment is equipped with additional features such as radio control and user-friendly functions on the saws.

Stone-laying cranes from Lissmac & Schulte, such as the LMK 400 TFE-DK and STEIN-REX 2.0, assist in lifting and moving heavy building materials in confined spaces. The MAB 3001 masonry work platform from Lissmac stands out with its short set-up time, quick readiness for use, low weight, and simple & flexible operation.

In addition to rental, we also take care of delivery & assembly of the construction equipment and, if required, maintenance work and spare parts.

Areas of application

- » Construction industry
- » Building construction
- » Renovation work
- » Demolition work



POWER DISTRIBUTORS & SPECIAL LIFTING DEVICES FOR CRANES.

The right accessories for your construction site.

Everything from a single source: construction power distributors and crane connection cabinets from Walther-Werke, concrete silos and loading forks from the renowned manufacturer Eichinger, as well as chain slings.



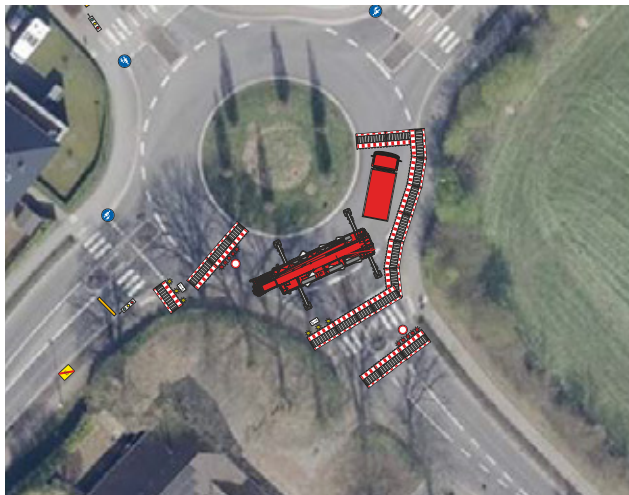
TRAFFIC ENGINEERING: TRAFFIC SIGN PLANS, CONSTRUCTION SITE SAFETY, SIGNAGE AND MORE FOR YOUR SAFETY.

Our commitment to your safety: for road rehabilitations, overhead line construction, events, crane work, and more

Traffic engineering, road closures & construction site safety are essential for road repairs, new construction, and overhead line construction, as well as for events, crane work, transport, and work in public areas, e.g. loading and unloading activities. Safety plays a particularly important role in the planning and execution of projects. A high level of compliance with regulations must be observed. Taking into account and directly interfacing with the standardised measures of the traffic management plan, we create traffic sign plans in accordance with the guidelines for securing road work sites. In addition, we also offer other services related to traffic engineering.

Areas of application

- » Construction site & traffic safety
- » Route inspections
- » Signage & traffic management measures
- » Dismantling & reassembly of traffic signs & traffic light systems
- » Barriers
- » Traffic sign plans



MOBILE ROADS AND CRANE SUPPORT PLATES.

Rental & sales – nationwide

Looking for mobile, temporary construction roads and parking areas? Mobile roadways are used on difficult, soft, and unstable surfaces. These serve as surface protection for heavy-duty vehicles, as mobile access routes and to protect special floors. The mobile steel roadways offer flexible laying options – lengthwise and crosswise – and can be laid quickly using a loader crane.

Crane support plates serve as crane accessories. Hüffermann has designed weight-optimised support plates that are 20% lighter and have a positive effect on the increasing restrictions on heavy transport. They are laid as load distribution plates and for crane support to ensure high stability. Custom-designed support plates for special load cases are also available on request.

Areas of application

- » Wind power
- » Civil engineering & earthworks
- » Events & trade fairs
- » Substrate for cranes, lorries, tracked vehicles, excavators
- » Areas of application
- » Wind power
- » Civil engineering & earthworks
- » Events & trade fairs
- » Substrate for cranes, lorries, tracked vehicles, excavators
- » Access routes for rescue and emergency vehicles
- » Supply routes
- » Container storage areas
- » Ground protection mats also for landscaping, gymnasiums, etc.
- » For indoor and outdoor work
- » Infrastructure projects



HEAVY LIFT & PLANT MACHINERY MOVEMENT ENGINEERING.

Assembly equipment, SPMT & lifting systems, load lifting attachments & lifting accessories

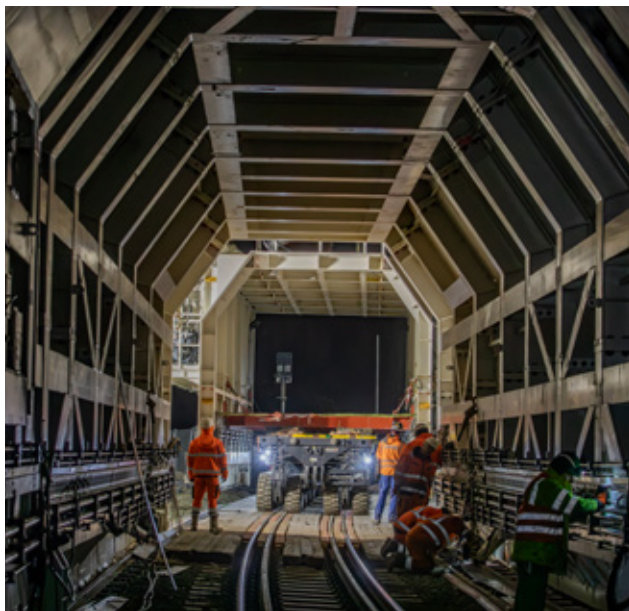
In the field of heavy assembly and project engineering, individual solutions are required. Hüffermann's Lift & Shift team is your strong partner, providing technical advice, the application of modern project planning tools, and the manufacture of special constructions for customised solutions and projects. We offer tailor-made and project-specific solutions for complex heavy-duty projects. These include the use of modular self-propelled SPMT / MSPE vehicles, lifting systems, and heavy lift & transport engineering. Further solutions are offered through the design of load-bearing equipment and the optimal use of lifting accessories such as slings.

While accessories – as connecting elements – connect the load to the hoisting gear and transfer the tensile forces, load lifting attachments act as aids that directly take up and stabilise the load.

In addition to provision, we also take care of the inspection, maintenance, and repair of lifting accessories.

Areas of application

- » Machine relocations
- » Company relocations
- » Crane transport
- » Industrial assembly
- » Storage
- » Port handling and logistics
- » Infrastructure projects
- » Construction and logistics industry



TECHNICAL CONSULTING AND PROJECT PLANNING.

Solution approaches with special constructions in the field of heavy lift & transport engineering / lift & shift

Before special crane operations, heavy liftings and individual projects are realised, the technical consulting and project planning team works closely with the project engineering department. Experienced specialists from the technical field service carry out a thorough assessment of the construction site, provide comprehensive advice, and, in the case of complex challenges such as interfering edges, masts, pit removals and swing radii, create precise 2D drawings.

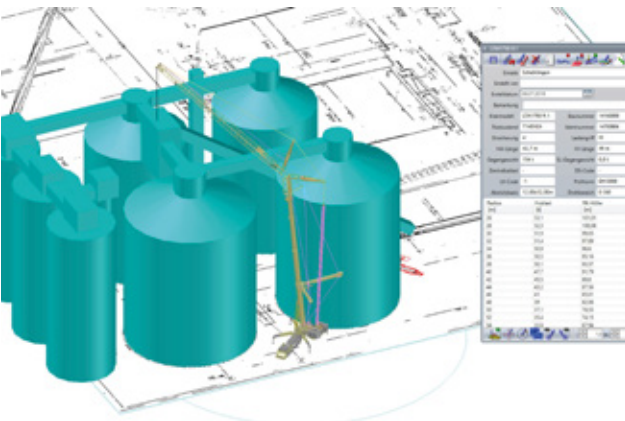
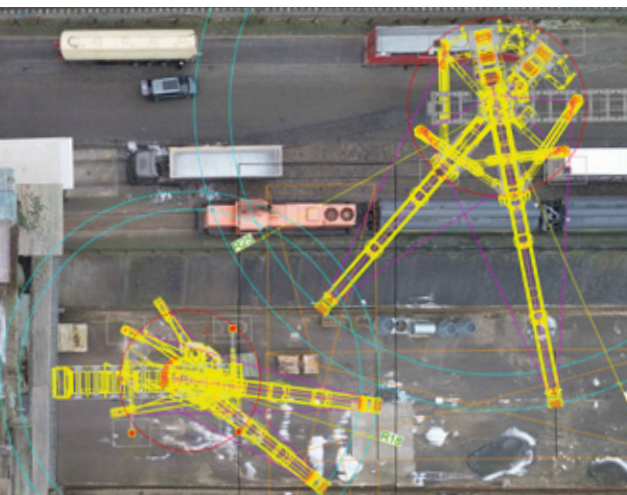
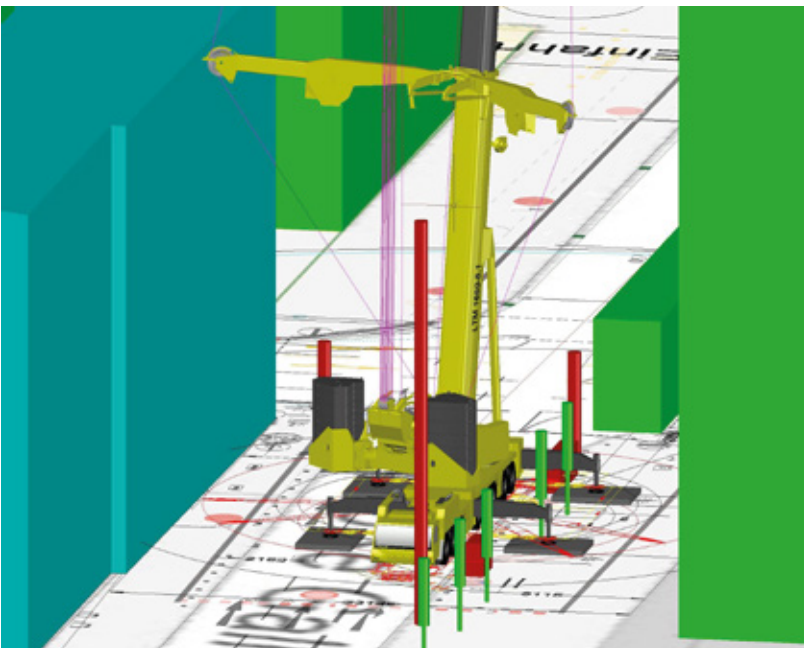
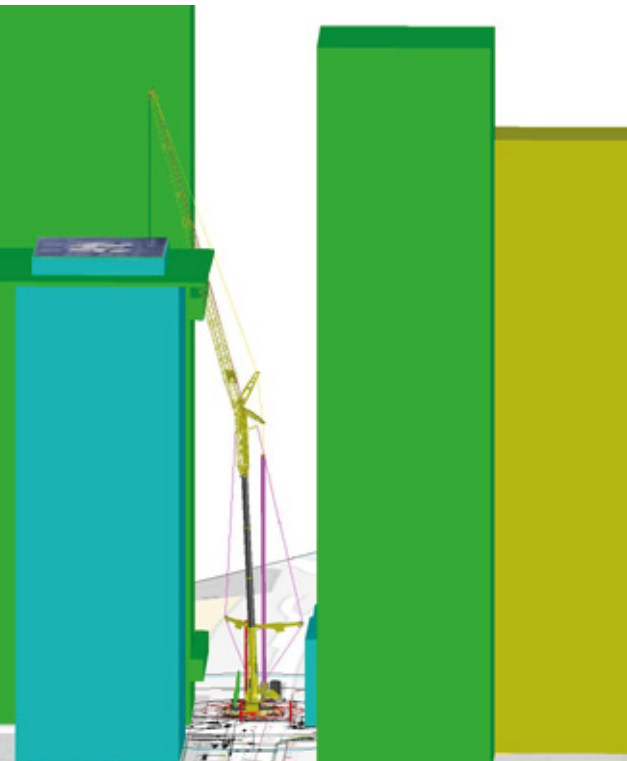
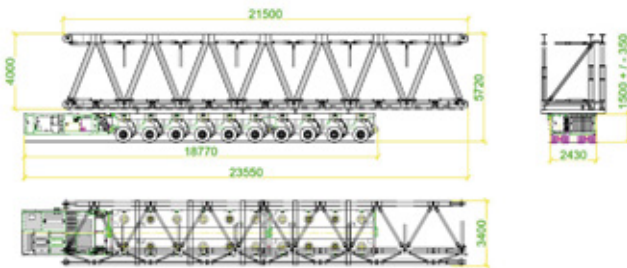
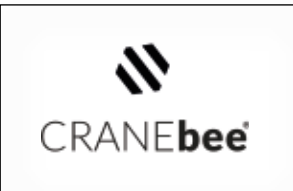
For more extensive projects, especially those involving pipe bridges, high loads, static calculations, and the use of special slinging equipment, professional project planning using state-of-the-art planning tools, CAD designs and 3D simulations is essential.

We combine our expertise in engineering services with our know-how in heavy lift & transport engineering to develop tailor-made solutions, special constructions, and suitable measures.

As a specialised partner for the construction and installation of technical components and plant parts, e.g. in computer centres/data centres, we offer smooth and safe processes with individual and targeted lift plans, RAMS, and EHS concepts – from transport and crane work to placement: Lift & Shift from a single source with experience in an international environment and English-speaking project teams.

Areas of application

- » Logistics
- » Construction & renovation
- » Infrastructure
- » Data centres
- » Large-scale projects of all kinds



DESIGN & ENGINEERING.

Design & construction of special structures in the field of heavy lift & transport engineering

Extensive projects, heavy installations, and special applications require individual expertise. After careful technical consultation and project planning by the specialists at Hüffermann, the expertise of the designers and engineers from various service areas of the partner company velsycon is called upon.

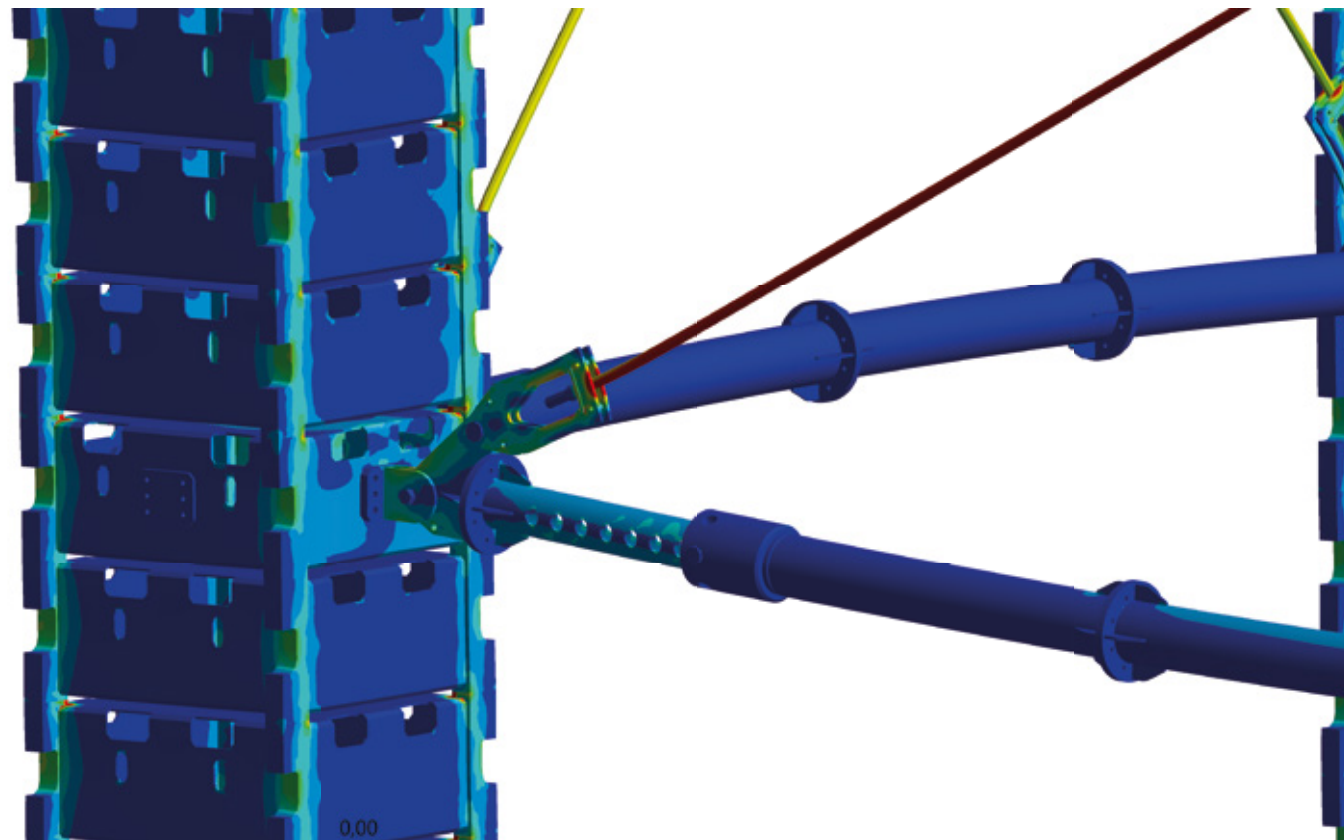
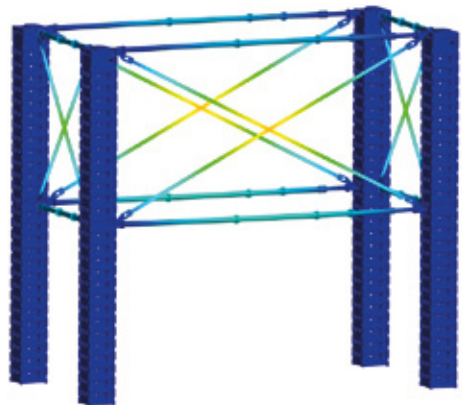
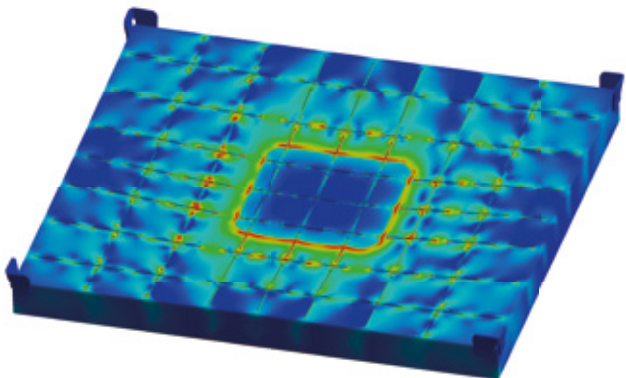
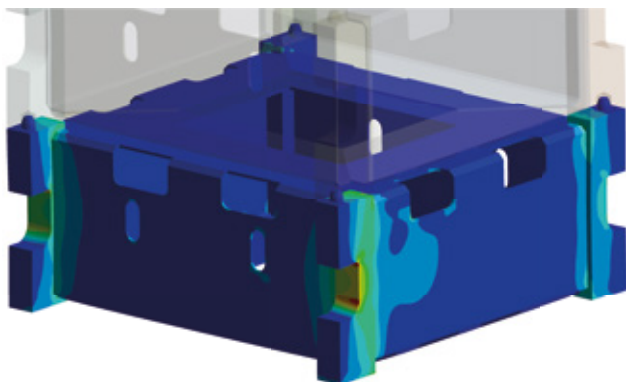
The project engineering team is formed in close cooperation between Hüffermann and velsycon. Using state-of-the-art tools, including FEM simulation and three-dimensional virtual solution models, the developed solutions are transformed into real designs and custom-made products.

Past projects at the highest level have resulted in the design of load lifting attachments, lifting accessories, lifting gear, special slings, and traverses. Our Heavy Lift & Transport Engineering Team takes care of the overall planning of the assemblies, right down to the planning and drawing of individual parts. In addition, we are able to carry out the manufacture and construction of designs.

In order to always offer the most technically advanced solutions, our team maintains close contact with universities, the Fraunhofer Institute, specialised laser centres, and other experts.

Areas of application

- » Heavy lifting technology
- » Load handling attachments
- » Lifting gear
- » Hoists
- » Tensioning systems



FLEXIBLE RENTAL & SALES.

Liebherr cranes, commercial vehicles containers, trailers – customised rental options

We offer young used machines from renowned manufacturers for rental and sale. These include mobile cranes, crawler cranes, electric cranes and tower cranes including equipment, as well as glass installation equipment, trailers, and mini cranes. In addition, we also offer commercial vehicle trailers for roll-off containers and skip containers, push-off trailers, tipper semi-trailers, roll-off tippers, skip tippers, trucks, and trailers for transport.

Benefit from our flexible rental options, which allow you to tailor the duration and scope of your rental to your individual needs. Not only do we provide young used machines at short notice, you also benefit from bare rental for periods of months or years without a driver. We take care of organising transport, permits and export processing. Financing options are also available directly through us.

Areas of application

- » Rental / Bare Rental
- » Sales
- » Export
- » Financing



GONDOLA RENTAL: FOR CORPORATE EVENTS, FESTIVALS & FAIRS.

Gondola rental for special experiences and spectacular views

A mobile crane lifts the gondola up to 60 metres into the air, offering up to eight people a wonderful view per trip.

Whether for large events, corporate events, concerts, open days or private events, the gondola creates unforgettable moments.

Areas of application

- » Industry-wide
- » Corporate events
- » Commercial events
- » Large events
- » Tourist attractions
- » Concerts
- » Trade fairs





HÜFFERMANN

GRUPPE



Maintal

Phone: +49 6109 50111-0
www.autodienst-west.de



Maintal

Phone: +49 6109 764102
www.eisele-krane.de

HÜFFERMANN

Wildeshausen, Vechta, Cloppenburg, Bremen, Stade

Phone: +49 4431 94555-0
www.hueffermann.com



Hamburg

Phone: +49 40 751261
www.knaack-krane-hamburg.de



Hamburg | Brunsbüttel | Leipzig | Potsdam

Phone: +49 40 752454-0 | +49 4852 8488 | +49 341 24587-0 | +49 331 864721
www.thoemen.de



Wildeshausen

Phone: +49 4431 94555-130
www.velsycon.de



← Download
 brochure here



← Find your contact
 person online