

KLAAS – IT COULDN'T BE EASIER!

We are here for you

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PLEASE INFORM US ABOUT

- the new "Alufiver" trailer cranes
 renting lorry cranes

Company:

Contact:

Name:

Street:

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Do you need further information on the alufiver?
Write to alufiver@klaas.com

Further information and dates under
www.klaas.com in the internet.



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KLAAS

Alufiver



VARIETY OF PRODUCTS VON KLAAS

Die Nummer 1



KLAAS – TRADITION AND PROGRESS

1933

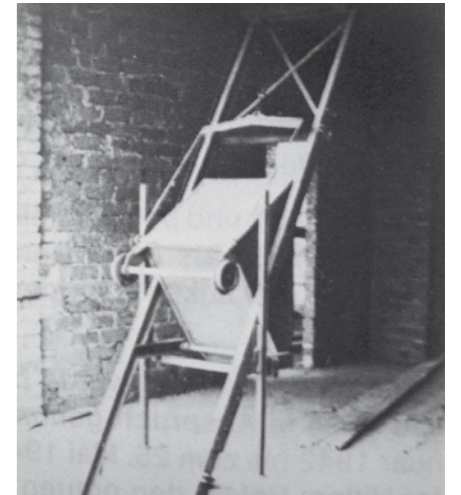


1933 Theodor Klaas founded the construction enterprise

The family enterprise Klaas exists for over 75 years. Theodor Klaas created the construction enterprise Theodor Klaas on the 07th January 1933 in Werne.

Already in 1947 the first lift was produced by order of the firm Klaas. From this initial development the construction-engine enterprise formed in January, 1954. After the removal of the machine-building factory to Ascheberg and the entry of the son Ludger Klaas into the enterprise in 1969, the company developed constantly.

The skilled electrician did – in addition to his independent activity as a managing director - the master's certificate as a locksmith. Subsequently, the company Klaas developed into a true idea-smithy and grew constantly. After the first aluminium-lift and furniture lifts, a new epoch of the company history was introduced in 1993 with the first Klaas aluminium cranes.



1947 First inclined lift

Due to this milestone, the enterprise Klaas Alu-Kranbau GmbH was established by Ludger Klaas on 28th April, 1995. In the course of time, the cranes became working machines with twin-function: crane and working platform. The next innovative step was the Multistar, developed in cooperation with IVECO Magerus Brandschutztechnik GmbH. As a multifunctional machine, the Multistar shows till then unimagined ranges of application based on a compact chassis. In 2010, Klaas presents the next advancement in fire protection engineering: the Klaas Alufiver. On the basis of the Klaas alu-cranes and the Klaas alu-working platforms, the Klaas Alufiver-concept offers a multifunctional support for the fire fighter at work.



2004 The thousandth Klaas-crane is sold

The rapid development of the company Klaas shows also in the employee numbers. At the time of foundation by Ludger Klaas in 1969, approximately 15 employees were working in the company - today there are more than 160 employees based in Ascheberg, Gera, Lutherstadt Wittenberg and Tübingen. Meanwhile, the company is selling the Klaas-products globally through a strong network of traders.

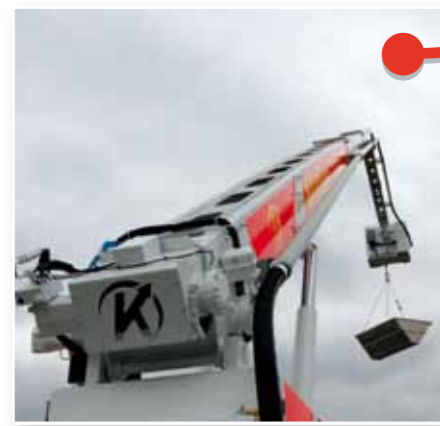
With innovative products and its customer-orientated and practice-focussed company philosophy, the family business is well positioned for the future. Already the third generation is integrated into the company and works for the organization of the innovative machine-producer as a performant partner for craftsmen and fire fighters.



2010 The new Klaas Alufiver

USE OUR KLAAS TECHNOLOGY FOR MORE SECURITY AND MORE CAPABILITIES.

THE NEW KLAAS „ALUFIVER“



1. CRANE

The Klaas Alufiver-crane offers full functions and the easy operation of a mobile crane. The crane is completely controlled by a radio remote control. The well-proven Klaas hoisting winch lifts charges up to 2 tons. The high-tensile, light aluminium-boom allows big heights and reaches with low and medium-weight charges.

2. HUB RESCUE-PLATFORM

The 2-persons hub rescue-platform levels automatically via a separate hydraulic circulation. It offers a lifting capacity of 200 kg and is pivotable hydraulically in both directions by 45°. As a platform, it offers connections for an extinguish-monitor, light, electricity, breathable air and water. Via the Klaas twin-functional radio remote control, the platform is controllable from the ground and from the top.

3. WATERTOWER

The integrated telescopic water-leading tube offers the fast operation of the monitor. Hosedrums are not necessary. The Alco-monitor 570 is manoeuvrable punctually with the Klaas remote control. There don't have to be persons in the platform.

4. LIGHTMAST

6 Xenon (230V) spotlights are integrated in the platform and deliver a brilliant light. The light cone is manoeuvrable horizontally by the Klaas remote control. Additional lights can be installed.

5. SUPPLY UNIT

The integrated PA-unit delivers comfortably breathable air for the platform crew via 3 compressed air cylinders. The integrated 230/400 Volt generator offers electricity where it is needed. The working platform is supplied with 230 Volt (5KVA). The electricity is therefore available also for other applications in the working range of the platform.

KLAAS-VARIABILITY ...



CRANE

The crane-function was developed especially for the various conditions of the fire fighter's work. Due to the compact measures, also places which are difficult to reach are accessible. The transport of equipment or the rescue of heavy or difficult to access things is easy and fast.



HUB RESCUE-PLATFORM

The 2 persons hub rescue platform offers a high working benefit in many situations. From rescue from heights via fire fighting up to safe working in lofty heights – various application scenarios are imaginable.



WATERARM/WATERTOWER

The integrated water supply as well as the simple and secure control of the monitor by the remote control make the fast and safe rescue operation in high altitude possible. By the use of a radio controlled camera, installed optionally in the platform, the rescue operation can be tracked in the monitor-outlook. The rescue-operations can also be made during motion (deployment, mounting...). The annoying and time-killing hose-laying drops.



LIGHTMAST

The fast and systematic illumination of different operation places can be done fast and without cable-laying.



SUPPLY-STATION

The Alufiver as a supply-station offers a manifold repertoire of possibilities on the rescue-place:

- Electricity (230 Volt/400 Volt)
- Breathable air via compressed air cylinders
- Compressed
- Water

... KLAAS-TECHNICS

SECURITY CONCEPT ...

Double, ultramodern SPS/CAN BUS control for the highest security

- Optimal utilization of all performance resources
- Gentle start-stop allows working with low vibration
- LCD display on the radio remote control and in the crane serially
- Double execution of folding and main cylinders for safe working with low vibration of the mast system



BOOM SYSTEM ...

- Special aluminium alloy with high tensile
- Reduced wind force by laser-made holes
- High torsion rigidity by specific mast construction
- Higher material-strength in stressed zones
- Low proper weight by the material aluminium



FULL ENCASEMENT ...

- Spacious, lockable storing boxes
- Safe rain-protected storing of tools and accessories
- Full underride protection with integrated stair for the safe ascent
- Big deposit-surface on the crane
- High-quality, clean optics



SUPPORTING SYSTEM ...

- Massive steel props for a secure positioning
- Comfortable fully-hydraulic support:
 - Continuous lateral deployment of the props
 - Continuous height-levelling of the supporting cylinders



During development, we emphasize on new technology, on the experience of many years of our enterprise and our highly-qualified employees. This guarantees technical precision and quality for you.

THE RESULT: WORKING EQUIPMENTS WITH HIGH BENEFIT FOR YOUR WORKS.