

Solutions for the construction industry

The best reasons to choose Alimak Hek



Access anytime, anywhere

Alimak Hek in the construction industry

Alimak Hek is the name you can trust for safe, productive, and economical vertical access solutions based on the rack and pinion technology. Our offering comprises construction hoists, work platforms, transport platforms, material hoists, industrial lifts, and a wide range of after sales services.

Access anytime, anywhere

The construction market worldwide is currently in a state of change. Buildings grow higher, more complex, and are constructed differently than just ten years ago. In the fields of regulations, safety, and service, ever more rigorous demands are imposed.

We are at home in this world. Access anytime, anywhere is what both our products and our brand name stand for. With R&D and manufacturing in four locations and a global network of wholly owned sales and service companies at strategic locations on three continents, and some 50 representatives worldwide, we are always close and easy to reach. You can rely on us to deliver what we promise and trust us to be there for you in the future.

Far-reaching experience

Alimak was founded in 1948, Hek in 1962. In 2005 the two companies became Alimak Hek. Our history covers an epoch-making part of construction industry history. With this solid experience we can be forward-looking, seek new solutions, and provide benefits for all types of projects, from the smallest to the largest and most complex.

Wherever you find the world's highest buildings, tallest towers, and longest bridges, you also find Alimak Hek. To date, we have never encountered an application so demanding that it couldn't be successfully addressed by combining our own problem solving skills with those of our customers.

Your safe choice

At extreme heights in the toughest work environments, safety is paramount. Bringing safety to the highest levels is at the heart of our business, both literally and figuratively. Our products comply with all major international and national safety standards (certified multi-code compliance). We always strive for maximum safety. This is reflected in the design of our equipment, in our manufacturing process, and in the training of service staff and operators.

Your productive choice

Our product development is a never-ending process of small and large steps to keep our products at the forefront. Meeting new needs, solving new problems, and accepting new challenges have constantly taken us higher and made our products faster, stronger, and safer.

Productivity is promoted by benefits such as high capacity, reliable operation, easy maintenance, and solutions that can be flexibly adapted to fit the individual application and project. Productivity also depends on the fact that people do a better job and work more efficiently when they feel safe and have been well-trained in the use of their equipment.

Your economic choice

We understand the need to constantly maximize assets and turn projects around faster at lower costs. High productivity saves time and money.

As a fleet owner, you want low cost of ownership, which is what we strive for.

Our combination of lower maintenance costs, lower installation costs, lower risk costs, longer lifetime, higher residual value, and better utilization of equipment speaks to your needs.





Alimak Hek products – overview

Construction hoists for efficient logistics

We were pioneers in inventing the world's first mast climbing construction hoist. Since then, our hoists have set the standard for safe and reliable use by which all other hoists are measured. More than 30 years after selling our first hoists, the one with serial number 3 was still in use!

Alimak Hek has made customization a standard procedure. Our modular system has been designed to meet specific customer needs in nearly all situations. Our application engineers combine their skill with our proven products to provide tailored solutions for the most demanding projects. Whether it is a three story apartment building or a 400 m (1,312') high office block, we provide a cost-effective solution.

Intelligent control and remote monitoring

Our intelligent microprocessor based hoist control system, ALC II, minimizes idle time and waiting time at landings. The system can be used to co-control up to six hoists at the same building. ALC II also collects and displays a wide variety of operational information. This makes it a powerful fault-tracing instrument for minimizing downtime. Furthermore, ALC II is the base of our advanced online system, A³, for remote monitoring. As a fleet owner you will always know the exact status of your equipment, wherever it is operated.

Work platforms for efficient façade work

When a construction project is too high or too complex for scaffolding, work platforms are the obvious alternative for façade work such as bricking, coating, and glazing. Even at lower levels, from 40 meters down to 10 meters, work platforms make important contributions to safety, productivity, and economy.

Our work platforms can be leveled perfectly for the most convenient working position, and offer ample space for a complete workshop. With all tools easily at hand, instant electric power supply, and materials for a full shift's work, workers have everything they need to do a good job.

Transport platforms for heavy and bulky loads

Our transport platforms are suitable for transporting heavy or bulky materials such as palletized goods, large dimension panels, scaffolding, and mini-loaders for work inside or outside the building, whether low-rise or high-rise. Combined with a work platform, a transport platform also provides efficient logistics for bulky materials that need to be repeatedly supplied.

Platform modularity

Our modular platform system is based on a few multi-purpose modules. Using the same drive unit, mast sections, and three adapters, a wide range of work and transport platforms can be configured. To optimally fit the individual job they can be flexibly adapted in capacity, length, and width. The ability to use and re-use the same modules in different configurations also means high utilization of equipment throughout its lifetime.

Standard mast sections

Our mast profiles enable high lifting heights with standard sections. The masts are designed to be light, stiff, and strong, minimizing the number of anchor points and providing high free overhang. The high quality materials and the manufacturing process are strictly controlled, and the stress-testing is rigorous.

The same masts can be used for all Alimak Hek medium range hoists and platforms, which saves money for fleet owners who operates both hoists and platforms.

Productivity for the construction industry

In every well-planned construction project improved productivity means shorter project time and money saved. Our industry experience, applications know-how, and high-quality products result in ongoing productivity improvements.

Designed to be available when needed

High uptime is critical in vertical logistics, since downtime causes idle time for workers, and in the worst case, could bring the project to a standstill. Our products are designed, engineered, manufactured, and tested to the limits, to be available when needed and to deliver trouble-free operation in the toughest environments.

Easy to service and maintain

Our products are easy to service and maintain, due to the modular design. For example, on a hoist, the drive unit is conveniently placed on top of the car, and other parts are easily accessible for service. To further maximize uptime, we provide training for your service personnel to ensure that they have the expertise and knowledge they need to do the best job. Should you need advice or troubleshooting, our service engineers are never far away.

Fast access to spare parts

To minimize waiting time, we offer fast access to spare parts. With our globe-spanning spare parts operation and efficient logistics we ensure that components and parts will be delivered promptly when you need them.

Winning capacity

High capacity means efficient logistics. Faster, stronger, and higher is one of our order-winning combinations. High speed, large payload weight and volume, and the ability to bring people and materials to extreme heights, are time-saving benefits.

Fast loading and unloading is facilitated by the flexible adaptation to different payload profiles, and leveling at landings with positioning that is accurate to the millimeter. In addition, our intelligent control system minimizes waiting time at landings.

Flexible modularity

Our solutions can be flexibly tailored to fit every individual project. The rack and pinion technology, together with the flexibility that comes from our modular design and rich accessory program, allow us to offer a vast variety of configurations.

Easy to install

Our modules are easy to move between sites and to handle on site. The mast sections fit together easily, and due to their strength and stiffness, can be installed with few anchor points.

Even the best equipment can be ruined by careless or faulty installation. That is why we provide qualified education and training for the people who install our products, to ensure their expert knowledge in doing the job correctly.





Safety is paramount

Maximizing safety is paramount to Alimak Hek. In small projects or large, high or low, complex or simple, for world records or everyday practice, our ambition is to contribute to improved safety.

No contradictions between safety and productivity

We are committed to combining improved safety with improved productivity. In our experience, there are no contradictions. A safe solution that prevents risks and saves lives is a reliable design that can eliminate downtime. In addition, when people feel safe, they do a more efficient job.

Safety features, such as speed control, overload and sensing device, door interlock control, and protection against electrical phase failure, all prevent unnecessary emergency stoppages and failures.

Features to prevent personal risks

Slipfree floor, low entrance, and flexible extensions closing the gap to the building, minimize the risks of slipping, stumbling, getting caught, or dropping materials to the ground. Smooth rides, with soft starts and stops due to our final positioning device, prevent jerks and wrenches that can damage people and materials.

Pioneers in safety

When the Alimak Hek engineers developed the rack and pinion drive in the late 1950s it brought a safer work environment, replacing temporary wire rope solutions. Later, when the safety device was introduced it elevated the entire rack and pinion drive system to a level of superiority within the industry and introduced a new era of safe transportation for personnel at construction sites.

Since the exchange system of safety devices was introduced in the late 1960's, more than 50,000 units have been refurbished at our worksite in Sweden.

You can always trust the original

Alimak Hek has been in the business for 60 years and safety has always been on top of our agenda. Many competitors have tried to copy Alimak Hek products and safety innovations. But, do they succeed? Not always – many imitations on the market fail to meet the rigorous standards in which we use to measure the quality of our products; ultimately resulting in the manufacturing of machines that can cause serious accidents. Alimak Hek products are designed as systems with a fine-tuned interplay between the parts. It is nearly impossible to copy the mindset, the long experience, and the technical skill that lies behind our equipment. You can always trust the original.

Safety education, training, and consultation

A safe installation depends on two major factors. The installation work must be safe in itself, and the job must be carried out perfectly to provide safe operation. Professional training of service and installation personnel and users, is necessary both for the sake of their own safety and to help them to do their jobs correctly.

There are no shortcuts in preventing risks and accidents in the construction industry. With better awareness of how to avoid the risks, many tragedies can be avoided. That is why we share our experience and safety know-how by offering safety consultation.

Focusing on the total life cycle cost

The total life cycle cost of our equipment is based on various factors linked to the physical manufacturing of the product; as well as its handling and operation. We incorporate our standards of excellence into every end product.

Productivity and uptime

Increased productivity and uptime means shorter project turnarounds and cutting costs. Since unexpected downtime causes idle periods for workers and can bring any project to a standstill, our products are designed, engineered, manufactured, and tested to the limits to ensure that they will be available when needed and able to deliver trouble free operation in the toughest environments.

Less risk and damage costs

High safety and good ergonomics decrease the risks for work accidents and personal health problems. Avoiding accidents not only saves lives, it also saves money.

Low maintenance costs

Our reliable products have a low failure rate and are easy to maintain. The intelligent control unit, with built-in condition monitoring, failure indication, and troubleshooting facilitate easy maintenance. Whenever you need spare parts we are close and easy to reach.

Low installation costs

Our products are easy to install, which facilitates fast installation and dismantling. The modules are easy to handle on site and to move between sites, contributing to low installation costs.

High degree of utilization

The modular design based on multipurpose parts and our rich accessory program provides flexible adaptability to every individual project. Add compatibility between our old and new equipment, and the ability to use the same masts for hoists and platforms alike, and you get a high degree of equipment utilization.

Long lifetime

We have a very good reputation for producing durable and wear-resistant products. When they are economically written off, they still have many useful years to go, providing good return on your investment. To further prolong product life, we offer refurbishment through our global network of representatives and wholly owned service companies.

High residual value

Should you need to renew your fleet of construction hoists, work platforms, transport platforms, or materials hoists, there is a second hand market for these products. Due to their high quality and many features, they are in demand and have a high residual value.

Your long-term partner

With our long track record in the construction industry and far-reaching applications know-how, Alimak Hek is a partner you can rely upon, both worldwide and locally. In small projects or large, high or low, complex or simple, for world records or everyday practice, our solutions bring safety, productivity, and economy.



The Alimak Hek Group is the world's leading supplier of mast climbing equipment and added value services for both temporary and permanent installations, providing the most cost efficient, reliable, and flexible vertical access solutions for people and materials in the construction and general industry.

The Alimak Hek Group is owned by Triton, an independent European private equity investor, focusing on investing in companies with leading market positions in attractive industry niches. Triton has offices in Sweden, Germany and the UK.