



**The advantages of the Hek mastclimbing
workplatform in brief**

- Flexible and independent of other contractors on a construction project.
- Only one supply opening required for personnel, tools and components.
- Simple transport of elevator components, doors, cables and counterweights.
- Personnel, tools, materials and power supply on board, in a single trip.
- Ergonomic working situation at any height.
- No scaffolding tubes to restrict working and manoeuvring space. (9)
- Accurate attachment and perfect adjustment possible, over large vertical distances.
- A safe and clean workfloor.
- Workplatform easily adaptable to elevator shaft.
- Rapid erection and removal of the mastclimbing workplatform.
- Less elevator technicians required thanks to higher productivity.
- Cost saving through efficient use.
- Low cost of ownership.



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.

**HEK
MAST CLIMBING
WORK PLATFORMS**

a versatile working environment above ground level.

The alternative to traditional scaffolding and suspended systems. Single or twin mast versions with platform lengths of 2.7 m to 38.4 m. Working heights of up to 200 m, lifting capacity up to 5,500 kg.

**HEK
TRANSPORT
PLATFORMS**

for transporting bulky and heavy loads.

Developed for vertical transportation of goods and people up to a height of 120 m. Payloads of 500 kg (incl. 3 persons) and 2,100 kg (incl. 7 persons). Travel speed for personnel 12 m/min and materials only 24 m/min.

**HEK
MATERIAL
HOISTS**

efficient transportation of goods for smaller projects.

These durable and robust material hoists are easy to transport and assemble. With payloads up to 2,100 kg and a maximum working height of 80 m.

**TOTAL
SUPPORT
SERVICES**

to ensure full customer satisfaction.

Service doesn't end at the sale. With every purchase, we offer you the full extent of our experience and customer service: pre- and aftersales, training, support on site and application engineering.

If you need more information about local sales, rental and service organizations, or product lines please visit our web address below.

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HEK Easylifter

HEK Platform system for elevator installation



HEK Easylifter

A complex situation from practice

One of the most difficult activities in any high-rise project is the installation of permanent elevator constructions. This task is difficult in several respects. In practically every situation, the elevator system is only installed in the finishing phase of the project. The pressure to complete the building on time is then at its greatest. With traditional scaffolding, the elevator shaft must also be accessible from every floor, to enable the material to be delivered from outside, to the required location. That means that for every floor a separate scaffolding level must be installed, which itself must be positioned higher than the building floor; otherwise the attachment points for the doors cannot be installed. The scaffolding platforms partially blocks the elevator openings, making it even more difficult to supply the required material. (3)

An additional problem is that in this phase of the construction, the stairs and floors in the building are often in the process of being completed. Lift technicians tramping up and down are then far from welcome. Equally unwelcome are the large volume of tools and elevator and door components required on every floor. The situation inside the elevator shaft itself does not promote fast or efficient working. Because the scaffolding tubes occupy large areas of the shaft wall, there is little space left to manoeuvre the generally long and heavy materials, let alone install them accurately. All in all, the scaffolding is very much in the way of the work. These aspects combine to make this already complex practical situation extremely time consuming. (1)

Solving problems

Over the past Hek have been specialists in solving problems with vertical transport. Our motto therefore reads 'Nothing is impossible'. Specifically for working in high, confined elevator shafts, we can offer a series of Hek mastclimbing workplatforms eminently suited to the task. These systems represent a smart combination of a powerful transport system and a comfortable work platform; in other words, a two-in-one solution. It goes without saying that these machines take up far less space than traditional scaffolding, in the already restricted working environment. In addition, the walls remain free for you to undertake all the necessary tasks. Cabling, rails, counterweights and other components can as a consequence be easily attached. (2)



Flexible

One of the key qualities of the Hek mastclimbing workplatform is that it enables elevator technicians to operate flexibly, and independently of other contractors at work on the construction project. Because Hek mastclimbing workplatforms are built up of modular components, they can easily be installed from just one elevator opening. (3) The daily supply of components also takes place via the same single access point, whilst the technicians themselves can carry all the materials and tools they require with them, on the working platform. There is even an on-board electrical supply.



The biggest plus point of the Hek mastclimbing workplatform is that the work and material supply process are restricted to within the elevator shaft itself. As a consequence, simultaneously with the elevator installation, work can be continued on finishing the building, on every other floor. This considerably reduces the risk of damage, and of nuisance to other parties involved in the building project. (4)

- (A) Scaffolding
- (B) Hek mastclimbing workplatforms

Optimum freedom of movement

An additional advantage of the Hek mastclimbing workplatform is that the model and configuration of the platform itself can be adapted to any elevator shaft. These adaptations need only be made one time. (6) The large, open platform surface provides maximum handling and manoeuvring space for the elevator technicians so that long, heavy rails can be attached extremely accurately and perfectly 'vertical', as the Hek mastclimbing workplatform can be exactly adjusted to the centimetre, at every working height. (5) The freedom of movement and adjustable working height even make the work of attaching the large numbers of heavy elevator doors comfortable, and less burdensome than with traditional scaffolding. (7) On top of all this, working with the mastclimbing workplatform replaces the need for taking the stairs, whether or without heavy tools and materials. This situation is not only safer for your personnel but also less tiring.



Time is money

Everyone has long been aware that the time factor is of decisive importance in any construction project. Every day's delay in completing the work can make the difference between profit and loss. In a long-term process like the completion of a building, the installation of one or more elevators must not be permitted to form an obstacle. Speed of work is therefore particularly important, but of course not at the expense of accuracy or safety. After all, with elevator installations these two factors must take precedence over speed.

The vertical attachment of long rails, counterweights, cabling, elevator doors and other components is precision work. The exact adjustable platform from Hek offers lift technicians maximum working comfort, thus further guaranteeing accuracy. In addition, using a mastclimbing workplatform, the work can be completed far more quickly. The material doesn't need to be spread over the various floors, and the erection and removal of the Hek mastclimbing workplatform is much faster than any scaffolding system. The use of the Hek mastclimbing workplatform delivers a productivity gain of more than 35% because of permanent access at any time at any level.



**Higher productivity, and better quality
with less people in less time.
How about that for cost savings!**

