

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 jointly owned by two private equity companies, 3i plc (UK) and Ratos AB (Sweden).

HEK MSM SUPER

Multipurpose flexibility

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 1,500 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 1,000 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.



www.alimakhek.com

HEK Manufacturing B.V. is ISO-9001 approved

Applications, configurations, technical data and working procedures are for illustration purposes only. According to (inter)national and/or local legislation, regulations and policy they may not be permitted in certain cases; buyer or lessee should always verify local regulations in its jurisdiction. Further, we reserve the right to change any of the aforementioned concerning our products in this brochure at any time without prior notice.





HEK

Mast climbing work platforms

Safe working

In all our activities, we operate according to the strictest requirements in terms of safety and quality.

We only work with high grade, galvanised structural materials, which of course comply with the very latest standards.

There is a wide range of courses available for Hek products dealing with technical and commercial aspects such as application possibilities, logistics, safety, loading and operation of machines and configuration control.

Cost saving operation

Hek mast climbing work platforms transport both personnel and materials to the required working height, on any construction project.

The platforms can be adjusted in both length and width, for both low-rise and high-rise projects. The HEK MSM Super can carry a load of 4,000 kg up to a height of 200 metres. This makes it possible, in addition to all the tools and equipment required, to also raise a whole day's production to the working level in one lift. This logistical advantage is major source of cost saving!

Ergonomic ease of operation

Hek mast climbing work platforms can raise all types of load and position them to the nearest centimetre. Heavy tools and materials are then always within reach. Furthermore, working on a Hek mast climbing work platform is made easy, because there are no scaffold poles to get in the way. As a result, the whole operation is both visible and safe at all times.

In other words, Hek mast climbing work platforms generate a comfortable working situation whilst increasing productivity - yet another decisive cost saving.



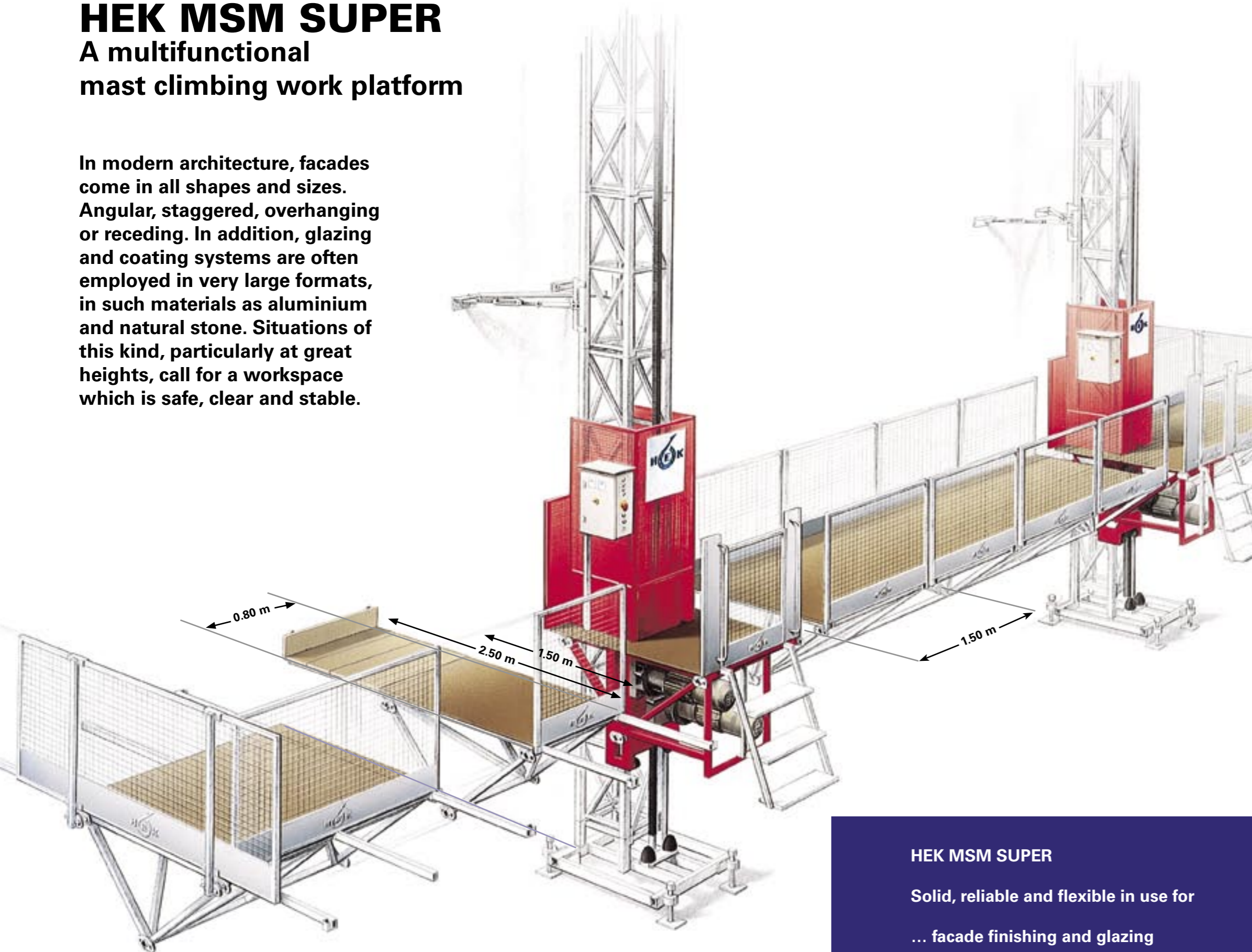
HEK MSM SUPER

- Safe
- Economical
- Ergonomic
- Modular

HEK MSM SUPER

A multifunctional mast climbing work platform

In modern architecture, facades come in all shapes and sizes. Angular, staggered, overhanging or receding. In addition, glazing and coating systems are often employed in very large formats, in such materials as aluminium and natural stone. Situations of this kind, particularly at great heights, call for a workspace which is safe, clear and stable.



The advantages of the HEK MSM Super in brief

- This Hek mast climbing work platform has a high lifting capacity; the single-mast version can lift up to a maximum of 2,300 kg and the 2-mast version up to 4,000 kg. As a result, a great deal of tools and equipment can be raised to the required working height in one lift.
- This Hek mast climbing work platform has a large working surface. As standard, the platform measures 1.5 m wide, but can be extended to 2.5 m using extendable tubes. The platform length on the single-mast version ranges from 2.7 m to 8.7 m, and on the 2-mast version from 8.2 m to 23.1 m; and even up to a massive 32.2 m when used with a HEK MEGADECK.
- The mast can be mounted either on a ground frame of surprisingly small dimensions, or on a mobile chassis. HEK's MSM Super requires minimal assembly and dismantling time. Proportionally few anchor points are required resulting in maximum access to the facade.
- Complete pallets of glass, panelling or natural stone can be lifted, vibration-free and accurately to the required height, considerably reducing the risk of damage to expensive materials.
- The Hek mast climbing work platform can be precisely positioned at any level for the most ergonomic working height, considerably increasing productivity.
- The HEK MSM Super is entirely modular and therefore adaptable to every location. These alterations need only to be carried out on one occasion, leading to major cost savings.
- The components of the HEK MSM Super are exchangeable with other types of Hek mast climbing work platform.

HEK MSM SUPER

Solid, reliable and flexible in use for

... facade finishing and glazing

... demolition and renovation

... cleaning and repair

HEK MSM SUPER

Technical specifications



- Stable chassis. Particularly mobile.
- Powerful drive system beneath the platform. As a result, the platform remains obstacle-free and the motors are protected.
- All structural components are hot-dipped galvanised as standard, to increase service life. The machine is assembled using top of the range components, keeping maintenance costs and breakdown time to a minimum.
- Automatic electro-mechanical level correction system for twin-mast platform.
- Simple and flexible anchoring system which can be attached anywhere on the building.

HEK MSM SUPER

Max. payload	2,300 kg (1 mast) 4,000 kg (2 masts)
Dimensions platform	1.5 - 2.5 m x 2.7 - 8.7 m (1 mast) 1.5 - 2.5 m x 8.2 - 32.2 m (2 masts with HEK MEGADECK)
Hoisting/descending speed	7 m/min
Max. mast height freestanding	10 m chassis
Max. mast height anchored	200 m
Distance between anchors	6 - 8 m
Distance between cable guides	6 m
Rack module	5
Motor rating	2 x 2.1 kW / 4 x 2.1 kW
Power supply	400 V, 3 phases, 50/60 Hz
Length mast section	1,508 m
Weight mast section	78 kg

