

**ALIMAK APF**  
Mast Climbing Work Platforms

**New!**

Courtesy of Crane.Market



# Alimak APF – The world's most powerful

## ALIMAK APF

### New!

The Alimak APF is the platform generation of the new millennium. It descends from a line of renowned ancestors that can be traced back to the 50's when

Alimak's first mast climbing work platform appeared on the market.

### Innovative!

The APF range uses a whole new approach to the concept of work platforms. It is an advanced elevated workshop – you decide how to build it, its size and shape. No matter how intricate a project is, the APF platform system will be able to provide the answer.

### Long!

A longer platform is more productive, once erected, as it covers a large facade area. A single APF platform can be built to over 19 meters (60 ft) length, a twin-mast platform to more than 40 meters (130 ft) and still offer high loading capacity.

If this is not sufficient you can link platforms together to form multi-mast installations of any length. So we can safely say that we make the world's longest platforms.

### Strong!

Professional engineering, stronger, high tensile materials, efficient motors and gear boxes – the result is a platform capable of carrying a maximum payload of no less than 4400 kg (9700 lbs) on a single and 8500 kg (18800 lbs) on a twin-mast unit.

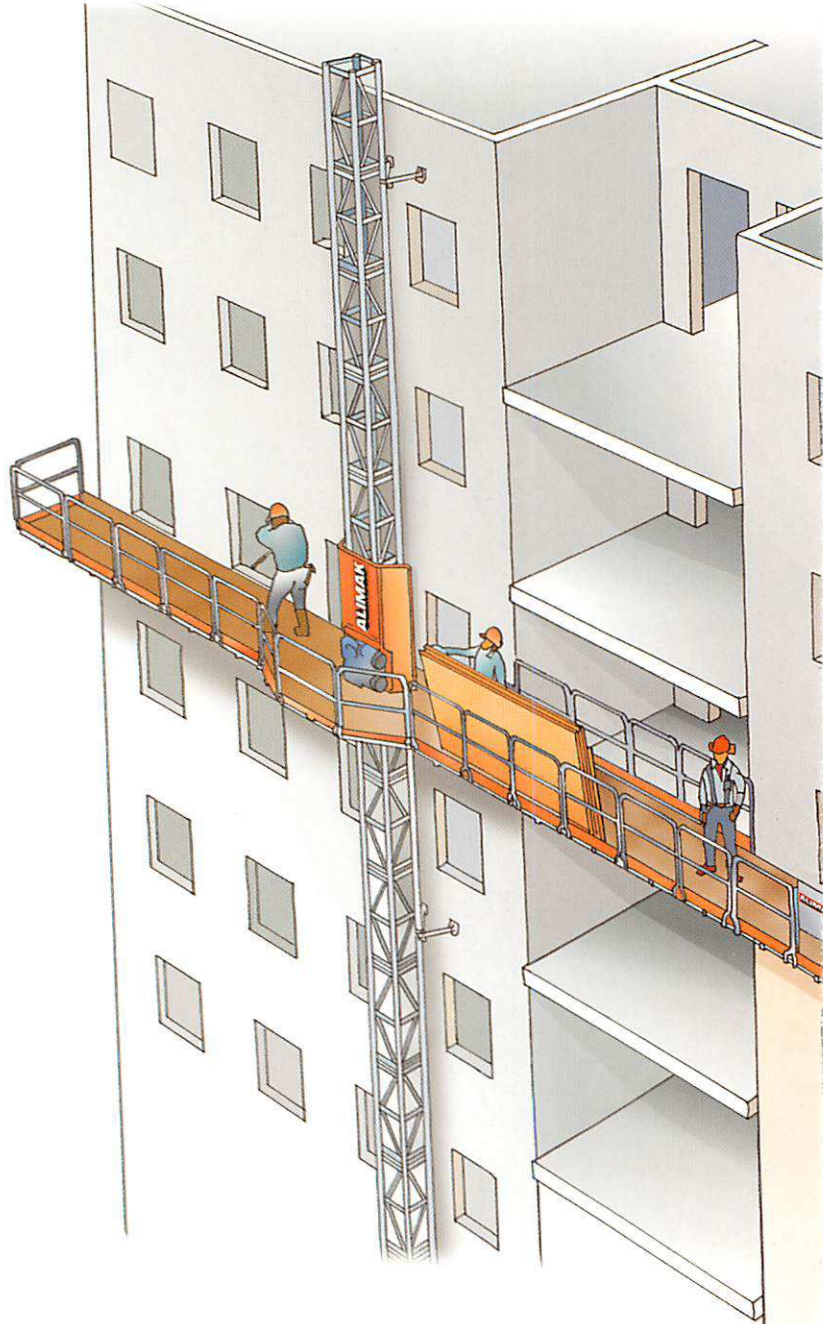
The high capacity generates increased productivity and cost savings and makes the range extremely suitable for bricklaying, dry-walling, insulation, window installation and other jobs involving the transport and handling of heavy or cumbersome materials.

### Wide!

The 1.5 m (5 ft) wide platform can have an inner deck extension of 1.8 m (6 ft) along the full length of the platform. To provide access to recesses, around balconies etc the platform deck can furthermore be extended to a total width of no less than 4.2 m (14 ft) over a limited number of deck sections.

### Flexible!

With a limited number of components you can build multi-mast and corner configurations and even combine APF-platforms with a construction hoist and the medium-duty Alimak C-20 platform range. In fact, there are so many possibilities that we cannot cover them in one brochure.

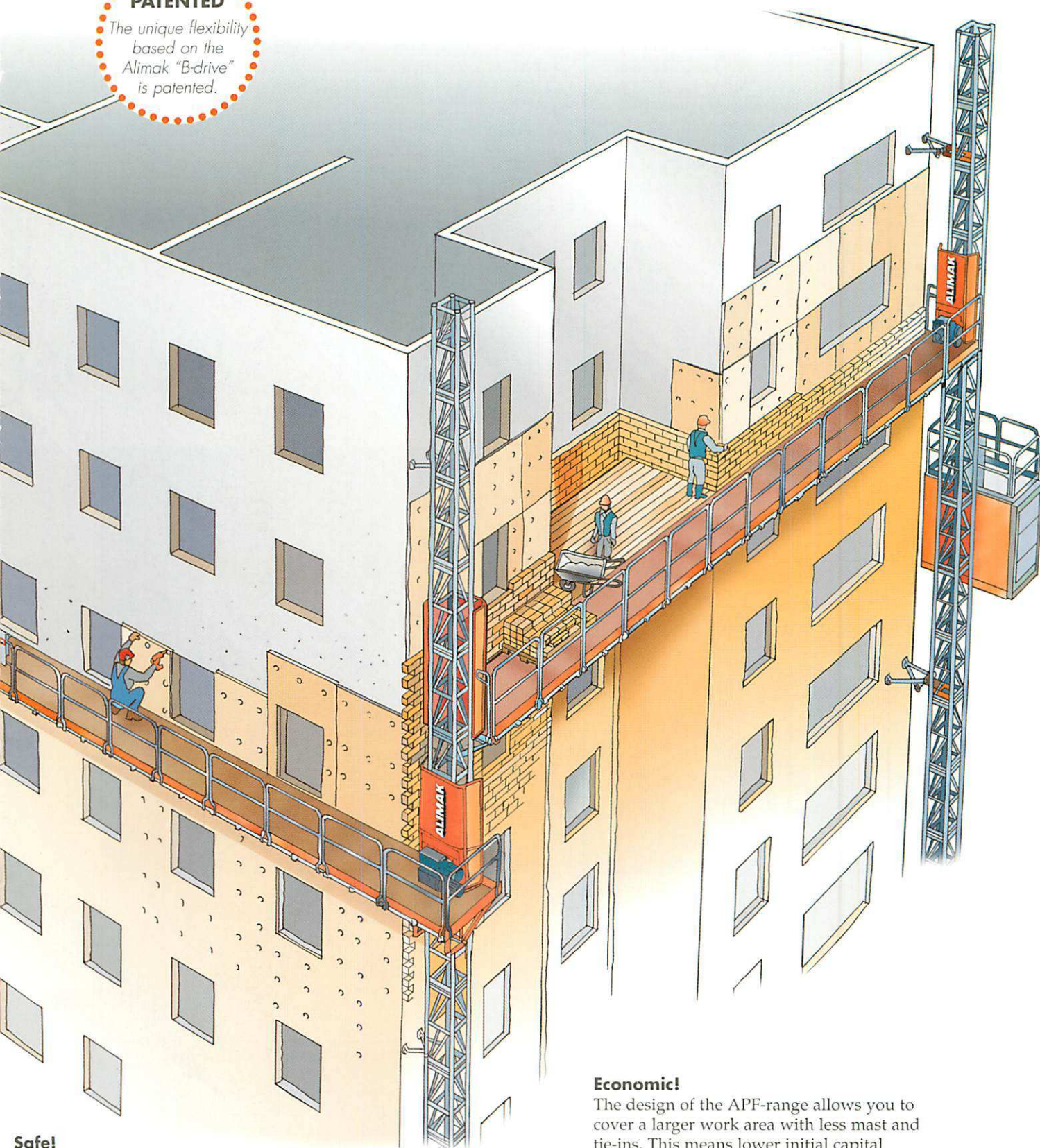




# mast climbing work platform

## PATENTED

The unique flexibility based on the Alimak "B-drive" is patented.



## Safe!

The APF range incorporates the well-known Alimak safety device, an automatic levelling system for twin-mast configurations, overrun protection and ultimate cut-out and, as an option, a unique overload sensing system taking the guesswork out of payload control!

## Economic!

The design of the APF-range allows you to cover a larger work area with less mast and tie-ins. This means lower initial capital investment and savings in time and money for every installation.

You can easily count the benefits in real cash terms.



### 50 years' experience

We have a history of providing safe, reliable, high performance Rack & Pinion transport solutions. This has been our mission since our company was founded 53 years ago.

During these 53 years we have learned a thing or two. We have gathered experience from tens of thousands of successful installations all over the world.

This experience is put to use in the Alimak APF mast climbing work platform. In the product itself but also in the engineering expertise and the worldwide after sales support that we provide through the extensive network of Alimak subsidiaries and dealers.

We have always built platforms. And now the largest one ever.



Jacob platform, 1950's



KS 4-8, 1960's



Aliclimber 750, 1980's



Aliclimber 5000, 1990's



Alimak CPF, 1998



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Alimak have subsidiaries in: United Kingdom, Germany, France, Italy, Spain, USA, Canada, Australia, Singapore, Malaysia, Brazil as well as in South Korea and, furthermore, 40 independent distributors around the world.

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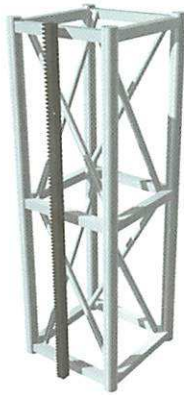


### A new optimised mast

The galvanized A-50 mast is made up of 1.5 m (5 ft) long sections of special steel with improved strength characteristics. It allows for at least 15 m (50 ft) distances between ties and freestanding heights of 32 meters (105 ft) indoors or 22 meters (72 ft) outdoors on mobile chassis.

The mast can be obtained with one or two racks so that one or two platforms can travel along the mast.

The A-50 mast can also be used for the Scando construction hoists by replacing its rack with the Scando type of rack.



### Truly innovative

Two different drive units are incorporated in the APF modular system.

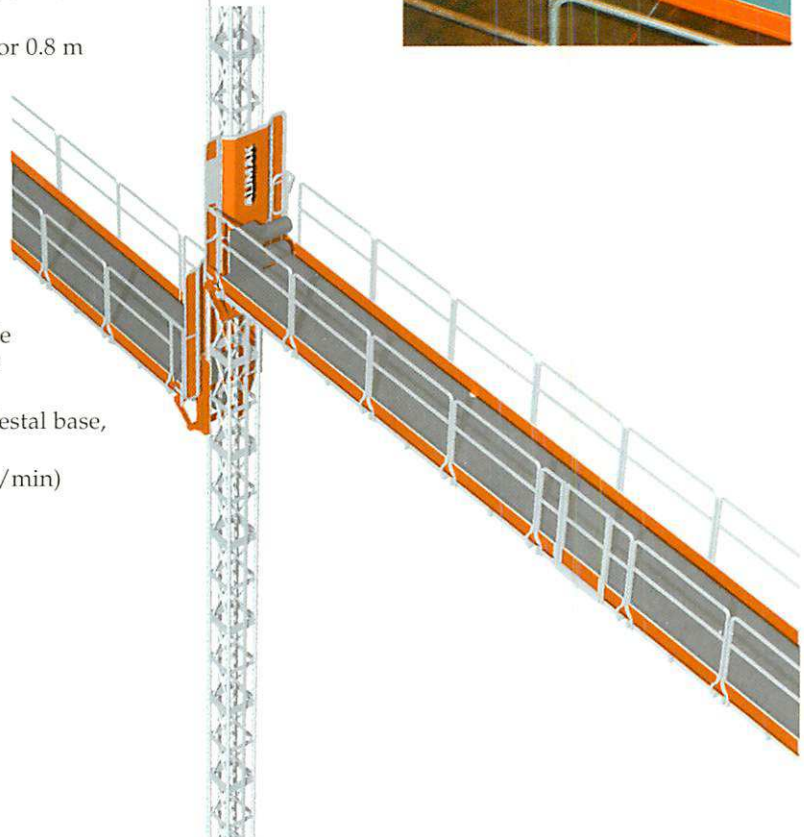
Fitting the 1.5 m (5 ft) wide, 1.5 or 0.8 m (5 or 2.6 ft) long platform sections to APF-A drive units will give you the traditional work platform configuration, single or twin masted.

Still, there are some very attractive new features incorporated in the design:

- impressive platform lengths, more than 19 m (60 ft) for a single and 40 m (130 ft) for a twin mast platform.
- step-in height 1.2 m (4 ft) on pedestal base, 1.5 m (5 ft) on mobile chassis
- travelling speed 12 m/min (40 ft/min)

The APF-B type of drive unit occupies only one side of the mast which means that two independent platforms can operate on opposite sides of the same mast. So forget about single or twin platforms – build the length you need by connecting platforms in a multiple mast installation.

*Example:* A three-masted platform with a combination of APF-A and APF-B drive units can cover a facade length of no less than 67 meters (220 ft)!

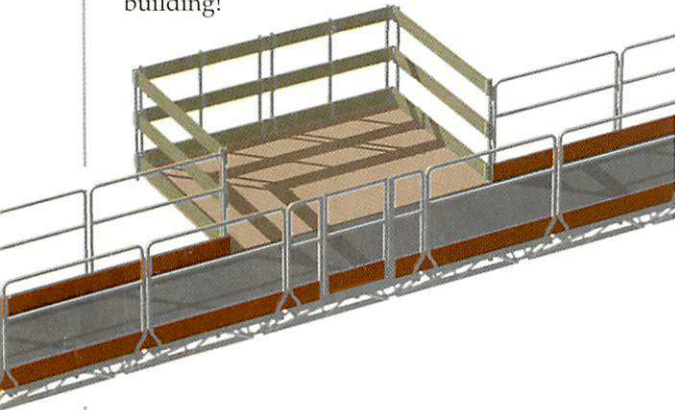


### Recesses and balconies

A straight facade is easy to work on. Usually, however, buildings are more complicated than that.

The decks of the APF platforms have extraordinary width extension possibilities. An additional deck width of up to 2.7 m (9 ft) can be achieved, enabling the platform to contour to most building facades. In addition the platform range incorporates sections of different shapes (angles) to overcome changing facade curvature.

In other words, shape the platform to your building!



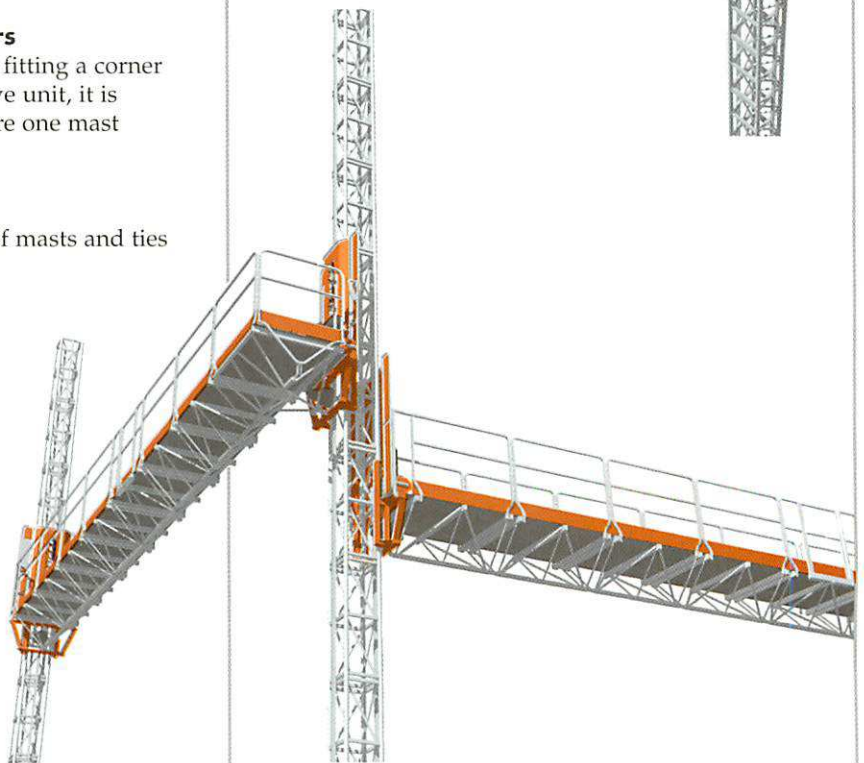
### Every building has its corners

And so has the APF platform! By fitting a corner platform section to an APF-B drive unit, it is possible for two platforms to share one mast around a corner.

#### Benefits?

- reduction of the total number of masts and ties needed
- quicker installation
- fewer tie points to repair

= lower costs.



### Catwalk

If you have a multi-platform configuration on a building you may want to be able to pass from one platform to another while at work.

You will get that possibility by installing a catwalk between the platforms. This can be done also around a corner.

