



## MAST CLIMBING WORK PLATFORMS

PRODUCT GUIDE

# ALIMAK MC 450

Access anytime, anywhere

**ALIMAK**



### **Safety**

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

### **Cost saving operation**

*Mast climbing work platforms lift both personnel and material to the required working height. The platform length and width can be configured to offer various loads.*

### **Productivity**

*A significant increase of productivity can be achieved with the use of mast climbing work platforms. Less interruption, quick installation – dismantling contribute.*

### **Logistics**

*Mast climbing work platforms make the logistical planning easier. Loading material for façade work can be done quicker and directly on the platform.*

# ALIMAK MC 450

## A versatile working environment

The Alimak MC 450 is the next generation of strong, robust and quality mast climbing work platforms supplied by Alimak. This model offers the best ratio of performance and quality for global use in the light and medium range of applications.

### ERGONOMIC EASE OF OPERATION

Alimak mast climbing work platforms can lift all types of load and position them to the nearest centimetre. Heavy tools and materials are then always within reach. Furthermore, working on an Alimak 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 reliable at all times. In other words, Alimak mast climbing work platforms generate a comfortable working situation whilst increasing productivity and improving the quality of finish - two decisive cost saving factors.

### SAFETY AT HEIGHT

In all our activities, we operate according to the strictest requirements in terms of safety and quality. Many components are fabricated with high grade, galvanised structural materials, which of course comply with the very latest standards. There is a wide range of courses available for Alimak products dealing with technical and commercial aspects such as application possibilities, logistics, safety, loading and operation of machines and configuration control.

### COST SAVING OPERATION

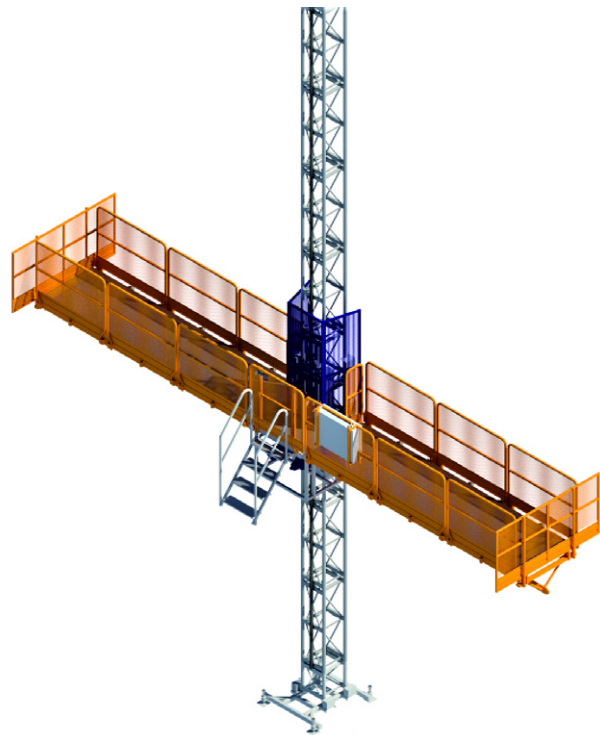
Alimak mast climbing work platforms transport both personnel and materials to the required working height, on any construction project. The platforms can be adjusted in both length and width. The Alimak MC 450 can carry a maximum load of 2,500 kg (5,512 lbs) for a single mast and 5,500 kg (12,125 lbs) for a twin mast. All lifting height of up to 200 metres (656 ft). This makes it possible, in addition to all the tools and equipment required, to also lift a whole day's production to the working level in one lift. This logistical advantage is major source of cost saving!



## Technical specifications

### CHARACTERISES

- Strong and robust design
- Simple and reliable control system
- Design based on many years of experience
- Single and twin machine configurations
- Flexible platform length and width
- Hot dip galvanized components
- Variety of accessories available
- Substantial anchor distances
- Mast interchangeable with Alimak medium range of transport platforms, material hoists and construction hoists



ALIMAK MC 450	Single	Twin
Platform length, min/max	4.2 / 10.2 m (13'9" / 33'-5 1/2")	7 / 30.2 m (22'-11 1/2" / 99')
Platform width, standard/with extension	1.2 / 2.2 m (3'-11" / 7'-2")	1.2 / 2.2 m (3'-11" / 7'-2")
Max payload capacity	2,500 kg (5,512 lbs)	5,500 kg (12,125 lbs)
Max payload at max platform length	1,750 kg (3,858 lbs)	750 kg (1,653 lbs)
Speed 50Hz/60Hz	8 / 9.6 m/min (26 / 32 fpm)	8 / 9.6 m/min (26 / 32 fpm)
Max lifting height	200 m (656 ft)	200 m (656 ft)
Max overhang	4.5 m (14'-9")	4.5 m (14'-9")
Tie distance	8–10 m (26'–32'-9")	8–10 m (26'–32'-9")
Cable guide distance	6 m (19'-8")	6 m (19'-8")
Mast	450 (Mark II)	450 (Mark II)
Rack module	5	5
Motor rating, drive unit	1 x 4 kW	2 x 4 kW
Power supply	400 V / 50–60 Hz	400 V / 50–60 Hz