



ELEVATORS FOR DATA CENTERS

PRODUCT GUIDE

ALIMAK INDUSTRIAL ELEVATORS

Access anytime, anywhere

ALIMAK

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ELEVATORS FOR DATA CENTERS

Elevate your data center's safety and efficiency

Alimak elevators are ideal for accessing the essential machinery required to keep a data center running efficiently. Designed to be installed internally or externally, and even retrofit to an existing building, they provide a cost-effective solution to increasing productivity and enhancing safety in data centers around the world.

IMPROVE EFFICIENCY

Alimak elevators are engineered to provide fast and efficient vertical transportation of maintenance personnel and equipment. This ensures that a data center's critical infrastructure remains fully operational with minimal downtime.

It's essential for data centers to have reliable access to the plant machinery located on the roof or upper level. Alimak elevators can be installed inside or outside, allowing access to all levels. Thanks to Alimak's tried and tested rack and pinion technology, there is no requirement for a machine room or elevator shaft. This not only saves space, but also means the elevator can be retrofit to an existing building.

As data storage demands continue to rise, the construction of hyperscale data centers is becoming more prevalent. These expansive facilities require dependable vertical access solutions to ensure efficient operation. This includes access to multi-storey server rooms and infrastructure maintenance access.

ROBUST DESIGN

Alimak industrial elevators are designed for the toughest environments, able to operate in extreme weather conditions. The temperature of a data center can vary significantly in different parts of the building. Alimak elevators operate with maximum efficiency in all temperatures, making them ideal to travel through all floors effortlessly.

ENHANCE SAFETY

Alimak elevators are equipped with advanced safety features, including the Alimak Safety Device, which enhances safety by ensuring a controlled stop in the event of an emergency.

Using an elevator instead of a staircase improves safety and productivity on site. Safe movement on stairs requires three points of contact at all times - impossible when trying to carry heavy, bulky loads. Using an elevator helps to ensure the safety of your personnel by reducing the risk of injury. Equipment also reaches its destination sooner, increasing productivity.



ELEVATORS FOR DATA CENTERS

Global experience in the data center industry



TRUSTED ELEVATOR PROVIDER

Alimak has installed industrial elevators in data centers around the world, including UK, Netherlands, Norway, Sweden, and Australia. With an installed base of over 23,000 elevator solutions for different industries worldwide, Alimak has developed extensive engineering knowledge on a wide variety of industrial applications.

CASE STUDY

Alimak provided a vertical access solution for a large-scale data centre facility located in Slough, UK.

A rack and pinion elevator was installed that allowed for the efficient transport of maintenance personnel and equipment.

The elevator's compact, machine-room-free design was perfect for the facility's space limitations, while its reliable performance in 24/7 operational conditions helped ensure the data centre's critical infrastructure remained fully operational with minimal downtime.



SERVICE AND SUPPORT

Our installation team are fully trained and competent to provide professional installations at high demand projects all over the world. Coupled with a regular regime of service and maintenance, we will strive to provide you with trouble-free operation during the life of your equipment. The modular concept of our after service maintenance offering, allows you to create your own tailor-made plan. This gives the support and coverage you need both financially and technically, to provide "peace of mind" during the lifetime of your equipment.

ELEVATORS FOR DATA CENTERS

Alimak offers a broad portfolio of both rack-and-pinion and traction elevators to suit a range of applications, including data centers. Alimak industrial elevators utilise tried and tested rack and pinion and traction technology to deliver prompt and reliable vertical access for passengers and materials in some of the world's most challenging industrial environments.



ALIMAK SE

SIZE: 0.78-1.56m (W) x 1.04-2.60m (L)

CAPACITY: 300-2,000 kg



ALIMAK SE-H

SIZE: 1.56/1.82m (W) x 2.60-3.90m (L)

CAPACITY: 2,100-3,200 kg



ALIMAK SE TM

SIZE: 1.82-2.86m (W) x 2.60-4.16m (L)

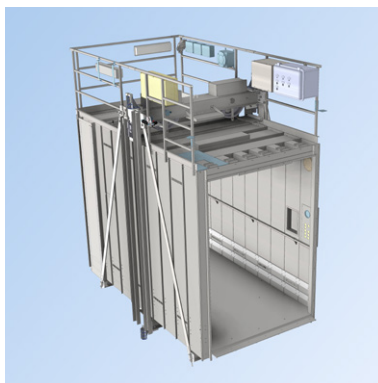
CAPACITY: 2,500-7,000 kg



ALIMAK PL

SIZE: 1.4-3.2m (W) x 1.5-3.1m (L)

CAPACITY: 500-2,000 kg



ALIMAK WE

SIZE: 0.8-2.8m (W) x 0.8-6.0m (L)

CAPACITY: 300-12,000 kg

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