

ALIMAK TR

**Passenger and freight traction elevators  
for industrial environments**



*Access anytime, anywhere*

**ALIMAK**

# ALIMAK TR

## Peace of mind in industrial environments

Alimak is the name you can trust for reliable, productive, and economical vertical access solutions. Our offering is comprised of industrial elevators based on traction as well as rack and pinion technologies, and a wide range of after sales services.

### A pioneer and global leader in industrial elevators

Alimak is the pioneer and global leader in supplying elevators based on the rack and pinion drive technology. An installed base of over 23,000 units across a broad spectrum of industries around the world, has given us a unique and extensive engineering knowledge. It is this pedigree that ensures our range of heavy duty industrial traction elevators are uniquely suited to these tough environments.

Alimak elevators demonstrate their ability to withstand the toughest challenges, providing reliable access, anytime and anywhere needed, from factories and warehouses to power plants, mines, cement plants, and oil and gas applications.

### Traction elevators for industrial environments

The ALIMAK TR traction elevator range is engineered for industrial applications, providing reliable access, anytime and anywhere needed. The elevator is suited to many applications in industries like power plants, mines, cement plants, and oil & gas facilities, as well as factories and warehouses.

### Wide range of car sizes and capacities

The modular design of the Alimak TR elevator series provide several different car sizes within the standard range – meeting just about every imaginable transport need from 300 kg to 5,000 kg (660 – 11,020 lbs). Additional sizes and specifications can be provided on request.

### Durable design

The elevator car is made from durable materials including stainless steel or painted steel with bumper rails together with other options. Automatic elevator doors with fire rated doors as option. Durable industrial design gives the elevator the ability to handle your working environments with ease.

## *Benefits at a glance*

- Elevators built to perform in harsh industrial environments
- Alimak offers both traction and rack and pinion elevator technologies
- Improved operational efficiency, superior HSE performance and reduced maintenance costs
- Unparalleled track record in reliability, safety and durability
- Comprehensive project management, design and installation services – for EPC contractors and End users
- Global service and support network
- Elevators designed to ensure outstanding ride quality, low levels of noise and car vibrations fulfill even the most strict requirements
- Designed for ease of installation and use, providing spatial efficiency and reliability
- Designed to give passengers more personal space. A larger car can be used for standard-sized shafts
- Unique tailor made design options, customized according to your needs in order to perfectly fit in your space
- Place your order and get your products in short delivery times

# Meeting just about every imaginable access need

## **Comprehensive product portfolio**

Alimak offers the combination of both traction and rack and pinion elevator technologies. This will ensure our engineers give the best advice for you to choose the perfect elevator technology for your application.

We offer one of the world's most comprehensive industrial elevator product portfolios with a wide range of car sizes and capacities. We offer elevators with surface treatment corrosion classification up to C5 and ingress protection rating up to IP54 for tough industrial environments.

## **EPC projects and special demand projects**

We have a long track record of successfully carrying out projects for EPC companies and end users with special demands on products and production. A group of project managers within our sales organization handle these projects to ensure customer requirements are fulfilled.

## **Global after sales support**

Our installation teams 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. Our global service and support network allows your traction and rack and pinion elevators to be maintained during the same site visit. The modular concept of our after sales and 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!



## Main characteristics

- Wide range of car sizes and capacities
- Machine room as standard with machine-room-less solutions available
- Ingress protection rating up to IP54
- Surface treatment: corrosion classification up to C5
- Detailed technical installation and operation manuals
- Wide range of optional equipment and functions



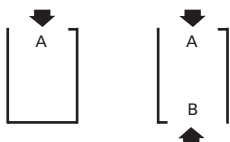
## TECHNICAL SPECIFICATIONS

	ALIMAK TR
Capacity	300 kg – 5,000 kg (660 – 11,020 lbs)
Speed	0.5 – 1.5 m/s (98 – 295 fpm) *
Travel height, max.	60 m (196 ft) **
Car width, internal	0.8 m – 2.8 m (2'-7 1/2" – 9'-2 1/4")
Car length, internal	1.0 m – 3.1 m (3'-3 1/4" – 10'-2")
Car height, internal	2.2 m – 2.67 m (7'-2 3/4" – 8'-9 1/10")
Door opening height	2.0 m – 2.5 m (6'-6 7/10" – 8'-2 7/10")
No. of landings	2 – 20
Control system	Selective collective
Motor control	Frequency Control (FC)
Power supply range	400 V, 50 or 60 Hz, 3 phase
Regulations	EN 81-20 & ASME A17.1 Part 2

\* Max speed on cars with capacity 2,500 kg and above is 1.0 m/s (196 fpm)

\*\* Increased travel height on request.

Car door configurations (A or A and B)



For other demands or specifications, please consult your Alimak representative.