

## INDUSTRIAL ELEVATORS

PRODUCT GUIDE

# ALIMAK WE and WE-Ex

Access anytime, anywhere

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**ALIMAK**

## Peace of mind in industrial environments

**Alimak™ is your trusted partner for reliable, efficient, and cost-effective industrial vertical access solutions. We provide a full range of industrial elevators utilising wire rope and rack and pinion technologies, backed by comprehensive after sales support to keep your operations running smoothly.**

### PIONEER IN INDUSTRIAL ELEVATORS

Alimak is the global leader in rack and pinion industrial elevator technology, setting the standard for reliable vertical access solutions. With over 23,000 units installed worldwide across diverse industries, our extensive engineering expertise ensures that our elevators – ranging from light to heavy-duty wire rope models – are built to excel in the toughest environments.

### WIRE ROPE TECHNOLOGY

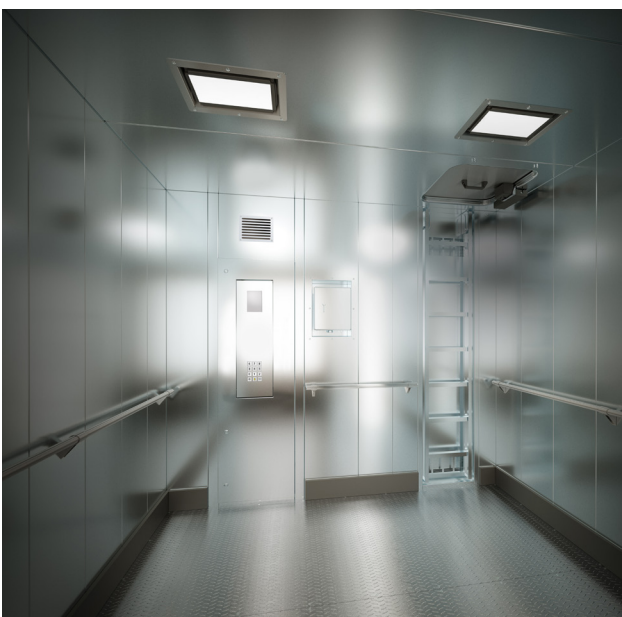
Engineered for industrial applications, WE wire rope elevators provide secure and efficient access in the most demanding environments. Ideal for industries such as power generation, mining, cement production, oil and gas, and manufacturing, our elevators enhance safety and ensure reliable operation.

### WIDE RANGE OF CAR SIZES AND CAPACITIES

The WE industrial elevator series features a modular design, offering a variety of car sizes within the standard range – accommodating vertical transport needs from 300 kg to 12,000 kg. For specialised requirements, custom sizes and specifications are available upon request, ensuring a perfect fit for a variety of industrial applications.

### DURABLE DESIGN

The Alimak WE industrial elevator car is constructed from high-quality, durable materials, including stainless steel or painted steel, with bumper rails. It comes equipped with automatic doors, with fire-rated options available for enhanced safety. Designed for demanding industrial environments, Alimak WE elevators deliver reliable performance in even the toughest conditions.



# ALIMAK WE and WE-Ex

## 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 for both non-hazardous and Ex environments. We offer elevators with surface treatment corrosion classification up to C5 and ingress protection rating up to IP54 for the toughest environments on the planet.

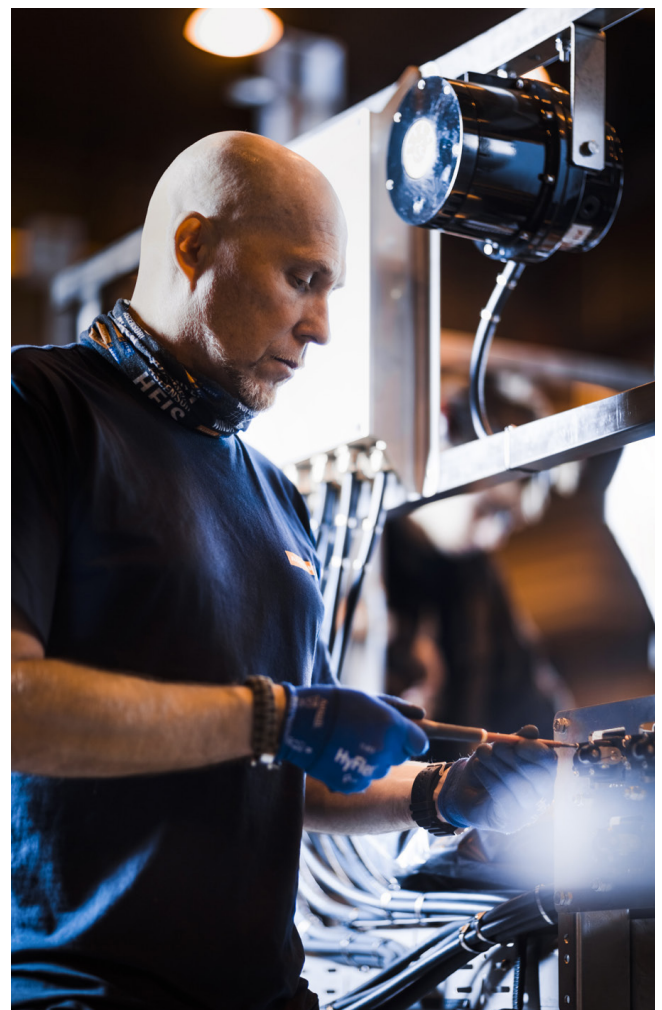
Our in-house engineering department has vast experience based on the installation of over 23,000 elevator solutions, many off-standard, still based on our modular standard program. The development and production of all Alimak products are subject to a strict quality assurance management.

## DELIVERING ON COMMITMENT

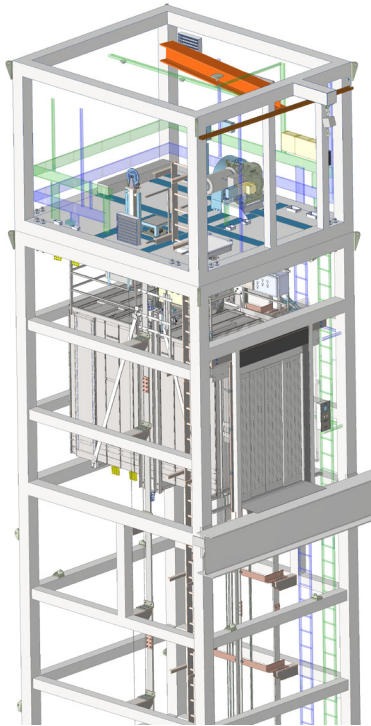
Alimak is your most reliable partner for industrial elevator products. We are structured and have the depth of experience to support what you want — a project delivered on time, on budget, as specified. Our design, manufacturing, and project management and installation teams work within a refined process to assure accurate scope, on time delivery, and an installation coordinated into your (sometimes changing) construction schedules.

## 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!



## Technical specifications



### MAIN CHARACTERISTICS

- Wide range of car sizes and capacities
- Machine room as standard with Machine Room Less (MRL) solutions available
- Ingress protection rating up to IP65
- Surface treatment: corrosion classification up to C5 / HDG
- Detailed technical installation and operation manuals
- Elevator with Machine Room Less (MRL) also available for hazardous areas (Exc. Zone 2) in accordance to ATEX Directive

	ALIMAK WE	ALIMAK WE-Ex
Payload capacity	300 kg - 12,000 kg	300 kg - 10,000 kg
Travelling speed	0.3 - 1.6 m/s*	0.3 - 0.5 m/s
Lifting height, max.	60 m**	60 m**
Car width, internal	0.8 m - 2.8 m	0.8 m - 2.8 m
Car length, internal	0.8 m - 6.0 m	0.8 m - 6.0 m
Car height, internal	2.0 m - 3.5 m	2.0 m - 3.5 m
Door opening height	2.0 m - 3.5 m	2.0 m - 3.5 m
No. of landings	2 - 20	2- 20
Control system	Selective collective	Selective collective***
Motor control	Frequency Control (FC)	Frequency Control (FC)
Power supply range	360-690 V, 50-60 Hz, 3 phase	360-690 V, 50-60 Hz, 3 phase
Regulations	Lift Directive 2014/33 (EN 81)	Lift Directive 2014/33 and ATEX Directive

\* Max. speed on cars with capacity 2,500 kg and above is 1.0 m/s

\*\* Increased travel height on request

\*\*\* Located in SAFE AREA

### CAR DOOR CONFIGURATIONS (A, B OR A + B)

