

ELEVATORS FOR OFFSHORE GANGWAYS

PRODUCT GUIDE

ALIMAK ME-G

Access anytime, anywhere

ALIMAK

ALIMAK ME-G

The world's first certified gangway elevator for reliable offshore access

Engineered for the demands of offshore wind Service Operation Vessels (SOVs), the Alimak™ ME-G is the first of its kind—a world-leading marine elevator built specifically for gangway integration.

Designed without the need for a machine room (MRL) and boasting dual operational functions, this elevator enables seamless, efficient transport for passengers and freight. Whether operating between decks or providing critical access to the Walk-to-Work (W2W) gangway bridge, the Alimak ME-G ensures uninterrupted access in any condition.

The Alimak ME-G is unique in the marine industry as the world's first gangway elevator certified by DNV AS, meeting the highest standards in DNV-ST-0495. With unparalleled safety and reliability, it elevates the capabilities of Service Operation Vessels, making it easier for technicians and personnel to access offshore wind turbines and perform essential maintenance tasks in an environmentally challenging sector.

ADVANCED FEATURES FOR DEMANDING OPERATIONS

Designed for extreme marine conditions

With robust engineering to handle roll, heave, and pitch accelerations up to 3.43 m/s^2 , the Alimak ME-G outperforms standard marine elevator regulations. This increased load capacity – 66% beyond typical specifications, allows for secure, dependable operation even in rough sea conditions.

Weld-less design for efficiency and modularity

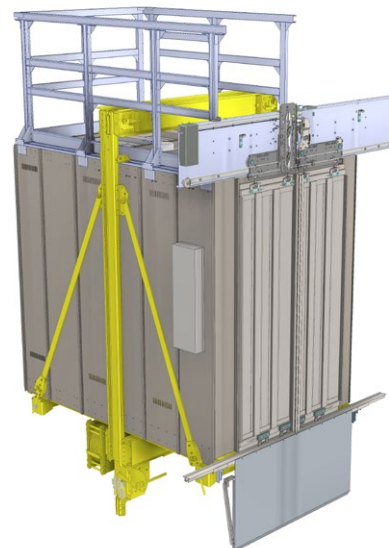
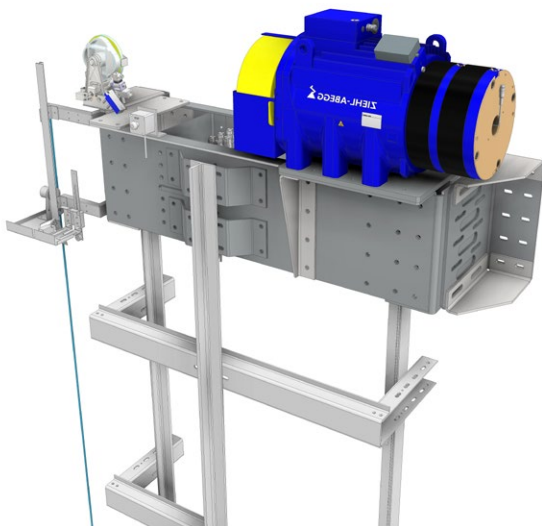
The Alimak ME-G features an innovative weld-less structure, offering streamlined assembly, easy installation, and modular adaptability for marine environments. This design significantly reduces maintenance time and extends the elevator's operational life in challenging offshore conditions.

Precision control and safety

Equipped with a marine-specific controller, the Alimak ME-G provides precise stop control for gangway landings. It uses a user-friendly interface with an integrated display and keyboard. For security, access to the gangway is managed by a key-turn mechanism with bridge signalling, ensuring that only authorised personnel can operate the elevator.

Automatic energy-saving mode

The Alimak ME-G conserves energy by automatically returning to a predesignated floor after a set period of inactivity. This feature ensures operational readiness while optimising energy consumption—a crucial advantage in offshore applications where energy efficiency is essential.



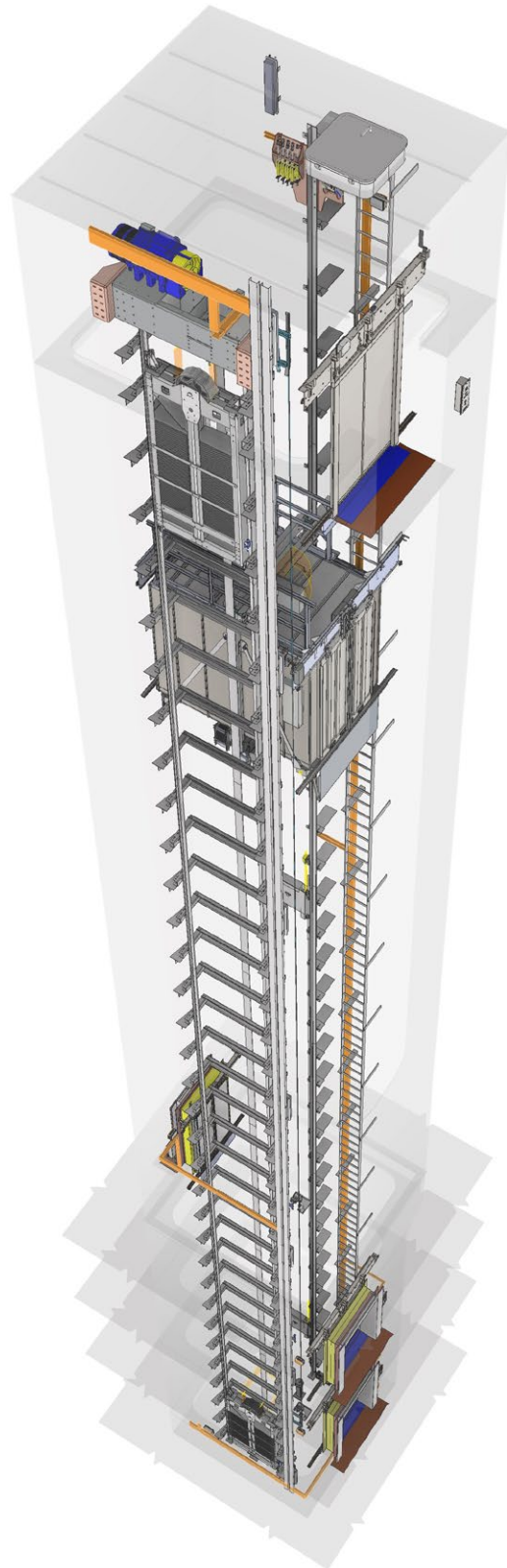
ALIMAK ME-G

Built to integrate seamlessly into vessel designs

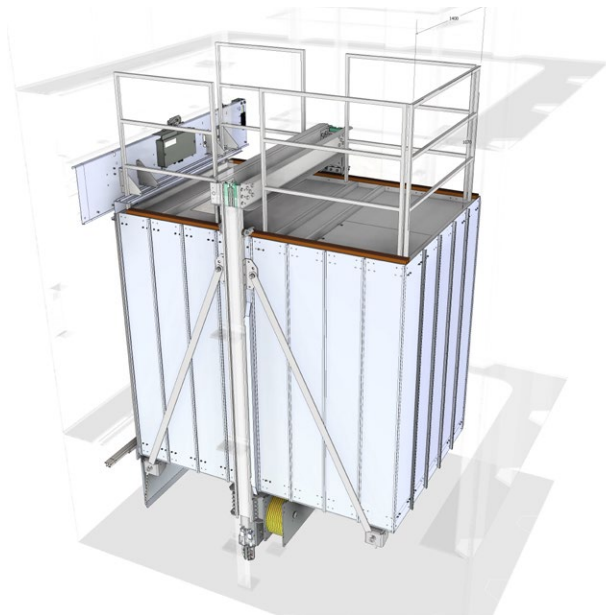
The Alimak ME-G is fully prepared for smooth integration into SOVs and is engineered to fit within modern vessel and gangway layouts. Its versatile, marine-rated components are crafted to withstand the unique conditions of offshore environments, ensuring long-term reliability and durability.

Key features of the Alimak ME-G

- DNV type approved for marine gangway use
- Machine Room Less (MRL) design for optimised space utilisation
- Gearless drive system for efficient, quiet operation
- Variable stop capability at gangway level
- 2,000 kg payload capacity accommodating up to 26 passengers
- Heavy-duty marine construction with components resistant to corrosion
- Fire-rated doors (options include non-rated, A0, or A60)
- Stainless steel interior with anti-slip flooring for safety
- Advanced safety features including SOLAS-compliant door contacts, emergency trap doors, and handrails
- Integrated emergency system powered by UPS to allow for emergency drives
- Energy-Saving features such as automatic return to default floor
- Adaptability to vessel motion with stability in roll, pitch, and heave conditions up to 12.0 m/s² and 7.4 m/s²



Technical specifications



TRUSTED EXPERTISE IN MARINE AND OFFSHORE ELEVATORS

Since its inception over 75 years ago, Alimak has led the elevator industry with innovative solutions tailored for the most demanding environments. With a legacy of more than 23,000 elevators installed globally across onshore and offshore locations, Alimak continues to drive advancements that enhance safety, efficiency, and sustainability in the marine industry.

Payload capacity	2,000 kg
Travelling speed	0.6 m/s
Lifting height	Up to 35 m
Motor control	Frequency control (VFD)
Internal car width	1.6 m
Internal car length	2.4 m
Internal car height	2.1 m
Shaft size	3.0 x 3.0 m
Door opening (W x H)	0.9-1.0 m x 2.0-2.1 m
Power supply range	400 V, 50 or 60 Hz, 3 phase
Regulations	DNV-ST-0495
Protection class	Safe area, suitable for indoor use (+5 to +40°C)
Operational accelerations	Roll, pitch & heave up to: +/- 0,35g
Design lifetime	20 years