



INDUSTRIAL ELEVATORS

PRODUCT GUIDE

ALIMAK SE 240L

Access anytime, anywhere

ALIMAK

ALIMAK SE 240L

Service elevator for silos and cranes

The Alimak SE 240L rack and pinion elevator is designed for installation on silos, storage vessels and cranes. The SE 240L elevator, enables customers to access, monitor and service key processes in their plants, increasing operational safety, efficiency and uptime for their facilities.

WHY CHOOSE AN SE 240L ELEVATOR?



Machine room and shaft not required

No need for a machine room or a supporting elevator shaft, reducing building requirements and ongoing structural maintenance.



Low total cost of ownership

An Alimak elevator maximises operational efficiency, reduces plant maintenance costs and increases health and safety performance.



Durable and robust industrial design

Like all Alimak products, the robust and durable design of the SE 240L is engineered for tough operational and environmental working conditions.



Easy to retrofit

Thanks to the rack and pinion drive technology, SE 240L elevators are easy to retrofit to existing structures.

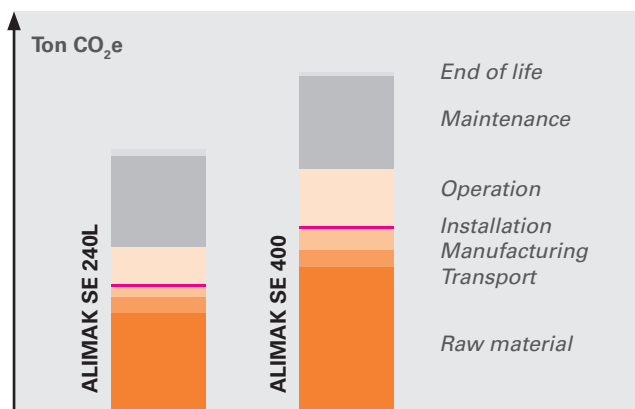


Sustainable design

100% renewable energy used in manufacturing with low CO₂ impact, compact design with magnelis steel leads to low life cycle emissions, energy efficient - reduces environmental impacts.



The CO₂e emissions for an SE 240L is 25% lower versus an SE 400 during a product life-cycle of 25 years.



Mast tower

No shaft required.

Hot dip galvanized high grade steel

Mast ties

For attachment of mast tower to structure

Car door

Heavy-duty design, extruded aluminium

Car frame

Heavy duty design. Hot dip galvanized steel

Drive machinery

No separate machine room is required.

Robust, high efficiency drive system located on top of car.

Car walls

Wall panels, galvanised

Floor

Galvanized diamond plate

Rack

Black painted steel.

M5 design provides high ride quality

Electrical components

Electrical cabinets of stainless steel, IP65

Control system

Single automatic control system

Landing enclosure

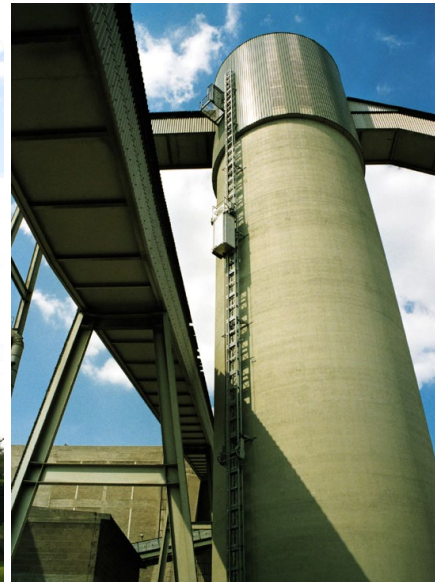
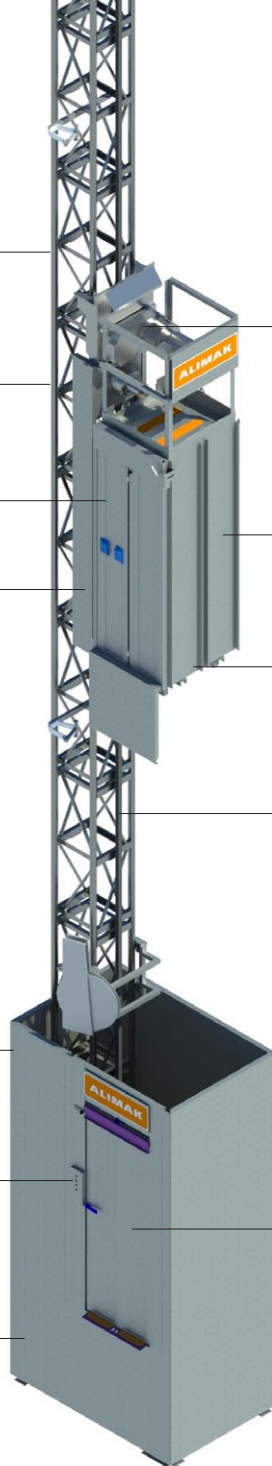
Hot dip galvanized steel

Landing doors

Single leaf swing door

Pit

Raised pit enclosure with access stairs



Technical specifications

MAIN CHARACTERISTICS

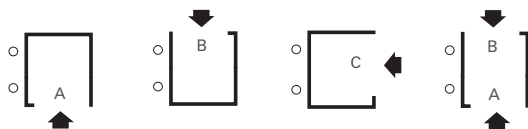
- Designed for harsh environments
- No enclosed hoistway or shaft needed
- Drive machinery located on the car means no machine room is required
- Manufactured with low environmental impact
- Single automatic elevator control system
- Doors on one or two sides of the car possible
- Car and landing doors with mechanical and electrical interlocking
- Safety features including safety device, door interlockings, emergency lowering system, overload protection
- Only durable materials suitable for external industrial environments are used, including anodized aluminium, galvanized steel and stainless steel
- Building Information Modelling (BIM) object files allow you to compare and select the most suitable lifting option for your needs



ALIMAK SE 240L

Payload capacity, max.	240 kg (2 passengers)
Travelling speed	0.4 m/s
Lifting height, max.	45 m
Number of landings	3 (base plus 2 others)
Motor control	Direct-on-line (DOL)
No. of motors	1 x 4.8 kW
Elevator car size, internal (W x L x H)	0.78–0.825 m x 0.78–0.87 m x 2.0 m
Door opening (W x H)	0.66 m x 2.01 m
Power supply range	380–480 V, 50/60 Hz, 3 phase
Type of mast	450, tubular steel with integrated rack
Length mast section	1.508 m

Car door configurations (A, B or C, or A and B)



Type of mast



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