

ALIMAK TCL

Tower Crane Lift



Access anytime, anywhere



The easy way up to tower crane cabs

It is adaptable to any tower crane mast, allows adaptable tie distance and time-saving travel to the crane cab.

Time saving

Our long tie distance enables us to have the shortest installation time.

Safety

In all our activities we operate according to the strictest requirements in terms of safety and quality.

Robust design

A robust lift designed especially for the tower crane application, slim cage design gives effective space utilization.

Proven technology

An ease-to-use control system, based on proven Alimak Hek technology, allows for simple operation and ease of use.

ALIMAK TCL

Tower Crane Lift

Alimak Hek is launching a new tower crane lift, the ALIMAK TCL. Designed for installation on a range of existing tower crane brands and systems, the ALIMAK TCL maximizes crane utilization by providing reliable and smooth crane cab access. The ALIMAK TCL offers fast external installation, easy retrofitting with no mast modifications, and comfortable and reliable access for crane operators, technicians and maintenance personnel.

Fastest external installation available

The ALIMAK TCL boasts an innovative new design that offers the fastest external installation currently available on the market. This design allows for a greater tie distance, which can be adapted to the specific tower crane mast platform for a tailored installation. As a result, fewer ties are required, reducing the total lift assembly time and minimizing potential crane downtime.

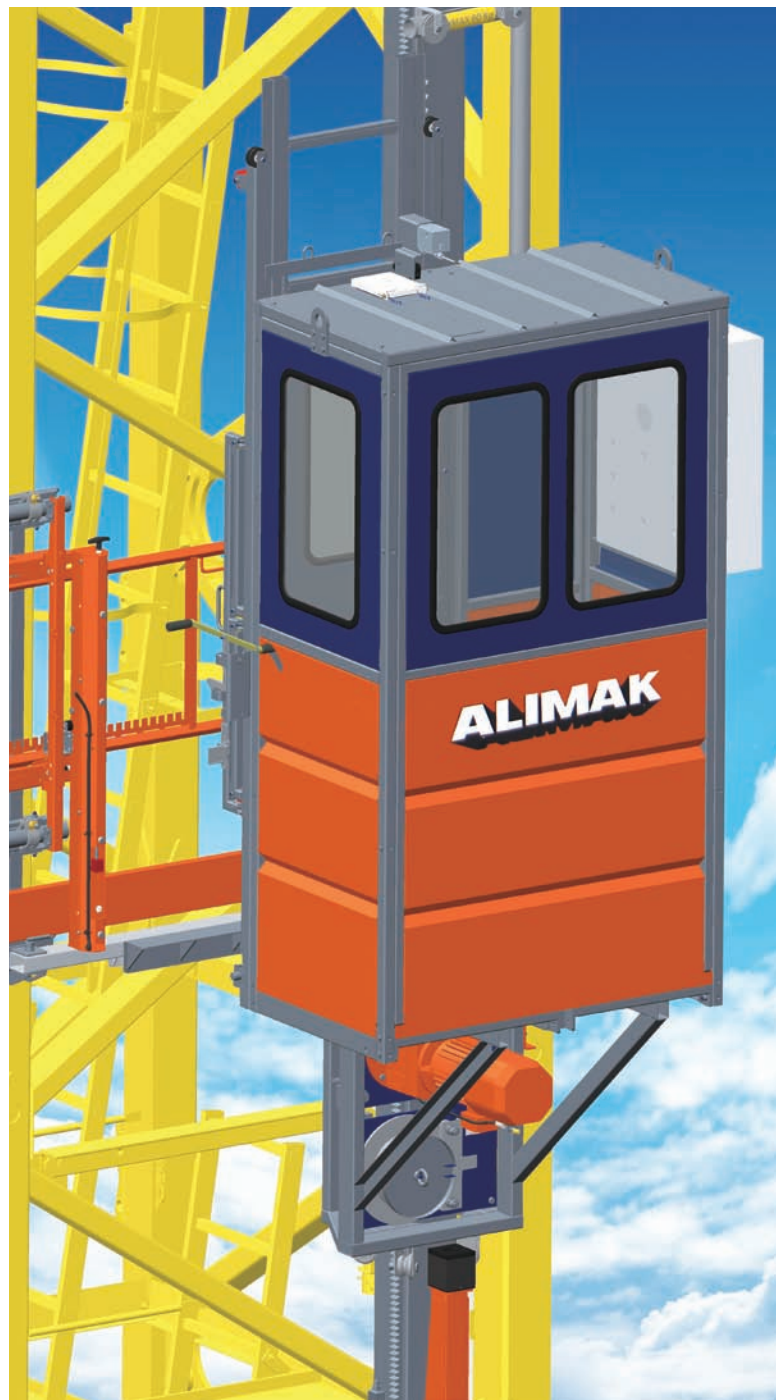
Adjustable for installation on most external tower cranes, the ALIMAK TCL utilizes a compact mast and rack made of durable galvanized steel. This flexible mast and rack system enables easy assembly with centering notches and captive bolts. Flexible and modular tie-ins are capable of fixing the lift car to the majority of existing crane mast systems.

Maximizes crane uptime

The ALIMAK TCL is designed with operator safety, comfort and usability in mind. Capable of transporting a maximum of two passengers (200 kg) at a time, the lift provides a fast, ergonomic and all-weather alternative to traditional crane ladders. With lifting speeds of 24 m/minute, the ALIMAK TCL minimizes travel time for crane operators and service personnel, thereby maximizing crane working time.

Safety at height

With no modifications to crane masts required, the ALIMAK TCL is simple to retrofit to existing tower crane systems and is fully compliant with 'EN 81-43: Lifts for Cranes' safety requirements. The ALIMAK TCL offers mechanical, electrical interlocked doors. A reversible cab enables these doors to be located on the left or right, to suit a variety of tower crane systems and site needs.



ALIMAK TCL

Characterises

- Strong, reliable and robust design based on many years of experience
- A compact mast and rack made of durable galvanized steel
- Fastest external installation available. Substantial tie distances saves time during installation
- Effective space utilization within the cage
- Adaptable to the majority of existing crane mast systems
- Tie distance is adapted to tower crane mast platform for ergonomic installation
- Reversible lift cage allows the door to be located on the right or left to suit different tower crane mast systems
- Variety of accessories available



Technical Specifications

Pay-load capacity	200 kg or 2 persons
Travelling speed	24 m/min
Max lifting height	100 m *
Cage width, internal	0.63 m
Cage length, internal	1.2 m
Cage height, internal	2.0 m
Door opening	0.59 m x 2.0 m
Motor control	Direct-on-line (DOL)
No. of motors	1 x 3.0 kW
Power supply range	380-420 V/50 or 60 Hz
Mast type	Tube mast
Mast section size	175 mm x 175 mm x 1508 mm
Rack module	6

* Lifting height can be increased on demand.