

CATALOG 2026

ELEVATOR INSTALLATION SOLUTIONS





• FOUNDATION & GLOBAL PRESENCE:

- Founded in 2019 in Luxembourg, FAS-Tech specializes in engineering, manufacturing, and consultancy in the building service industry.
- Operates globally with a commercial office in Luxembourg, manufacturing in Spain and China, and a worldwide distribution and maintenance network.

• SPECIALIZED EXPERTISE:

- Elevator Installation Solutions: Offers customized elevator solutions focusing on efficiency, safety, and modern design to meet diverse requirements.
- Access Solutions: Develop advanced facade access systems and motorized traction hoists.

• CUSTOMIZED LIFTING SOLUTIONS:

- Specializes in engineering innovative and adaptable lifting solutions tailored to the specific challenges of moving people, focusing on meeting clients' project demands.

• OUR VALUES:

- Innovation and Adaptability
- Quality and Excellence
- Customer Satisfaction

• REFERENCES:

- TK ELEVATORS / ATLAS SCHINDLER / OTIS / KONE DISTRIBUTORS / ELEVATOR INSTALLERS





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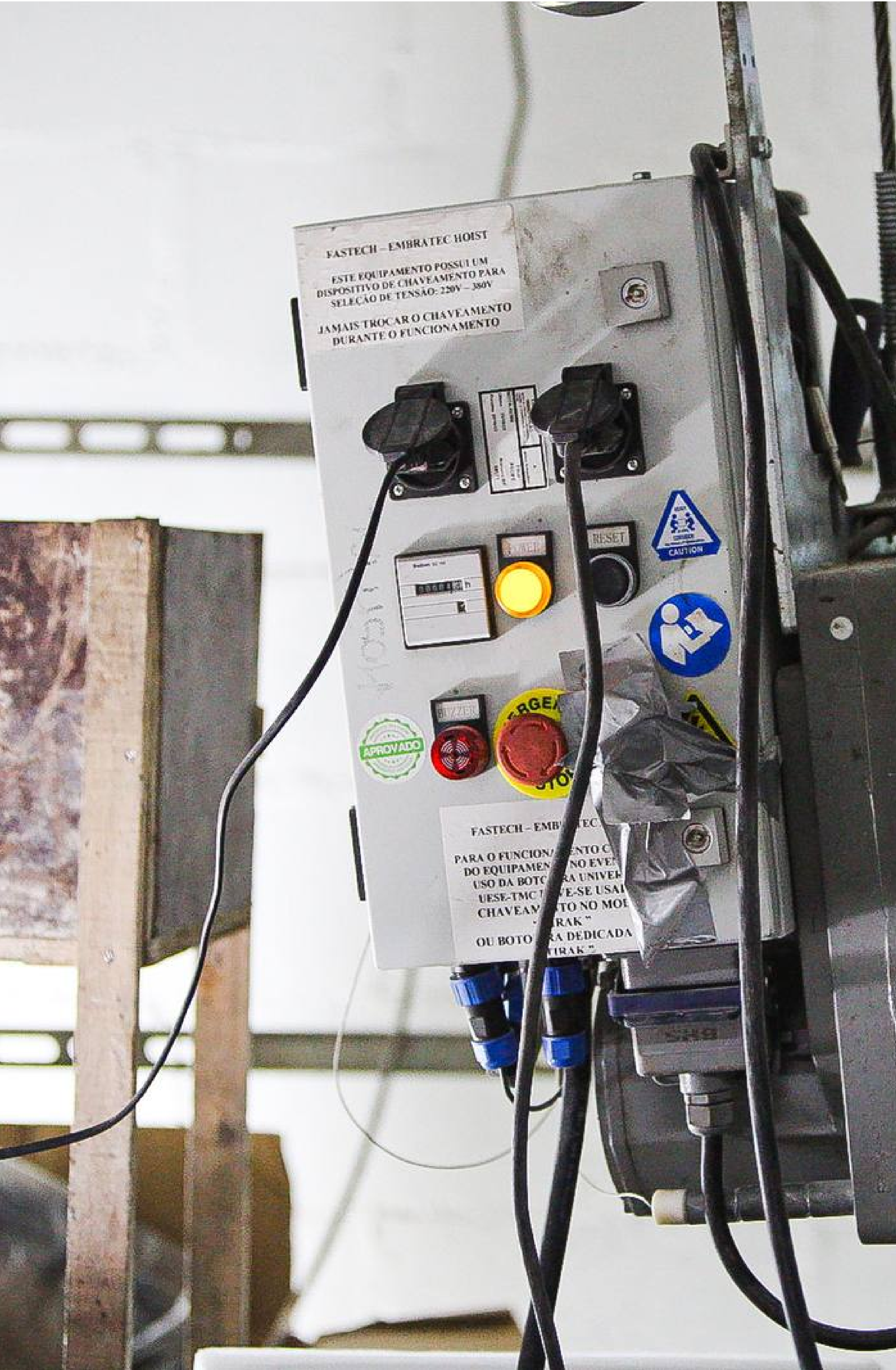
PLATFORMS

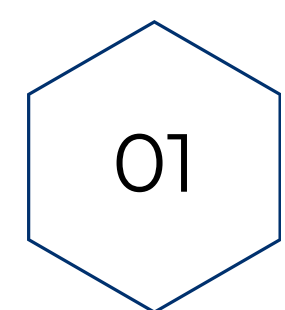
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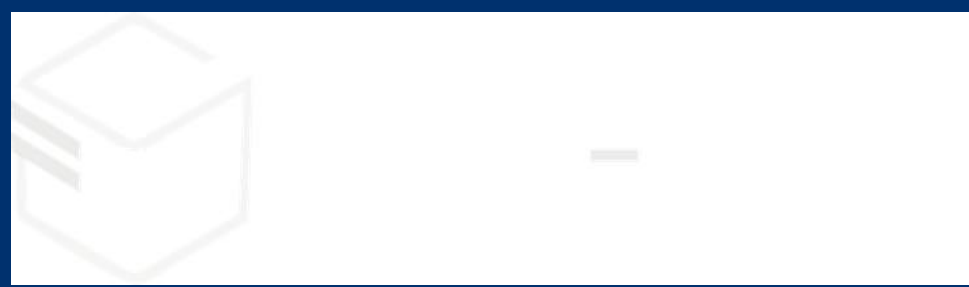


Lifting Solutions

UNILIFT® HOIST

Elevator installation
Applications





Compliant with:

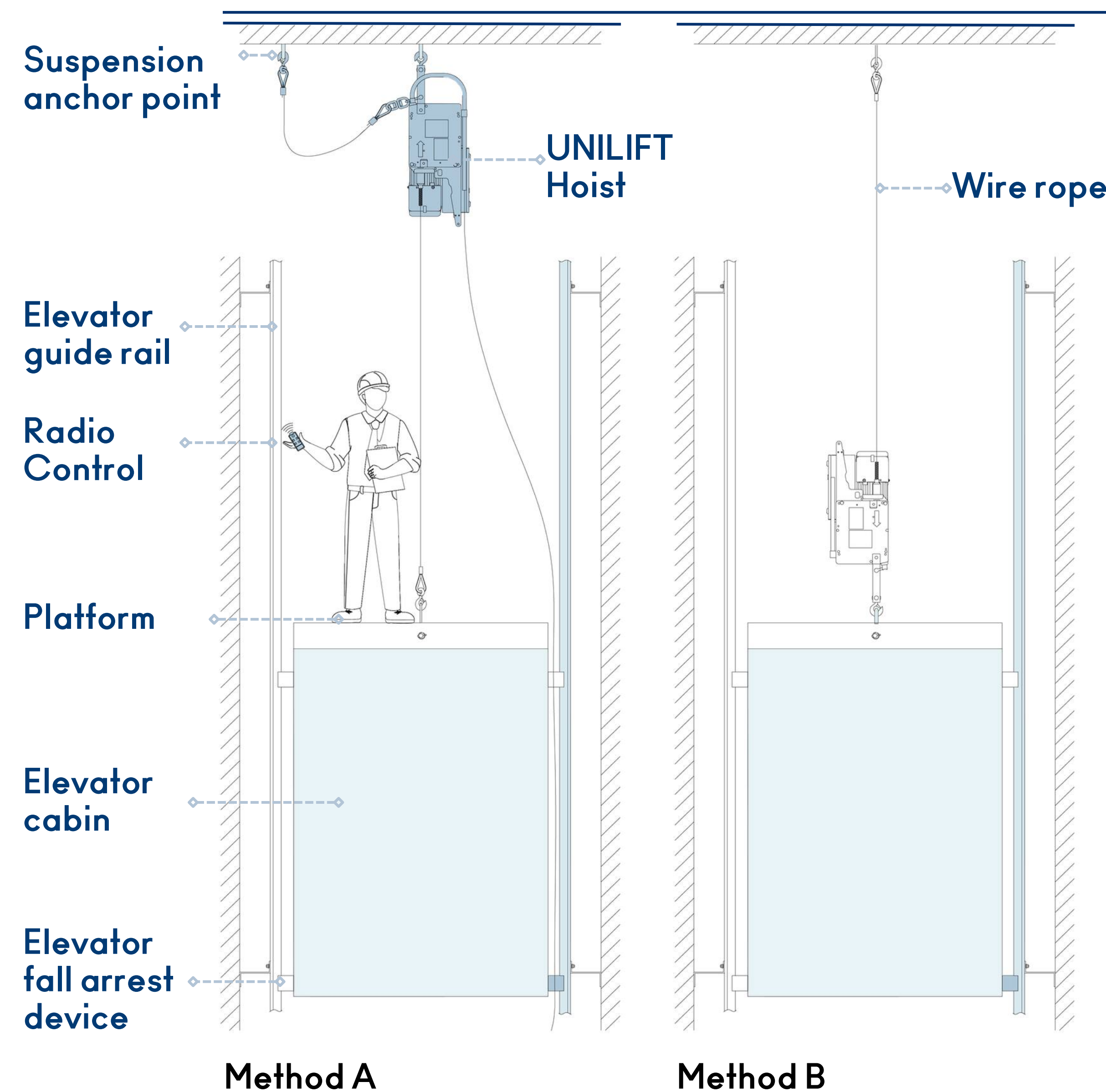
EN1808:2015
EU Directive 2006/42/EC

✓ Key Advantages for the installation of elevators:

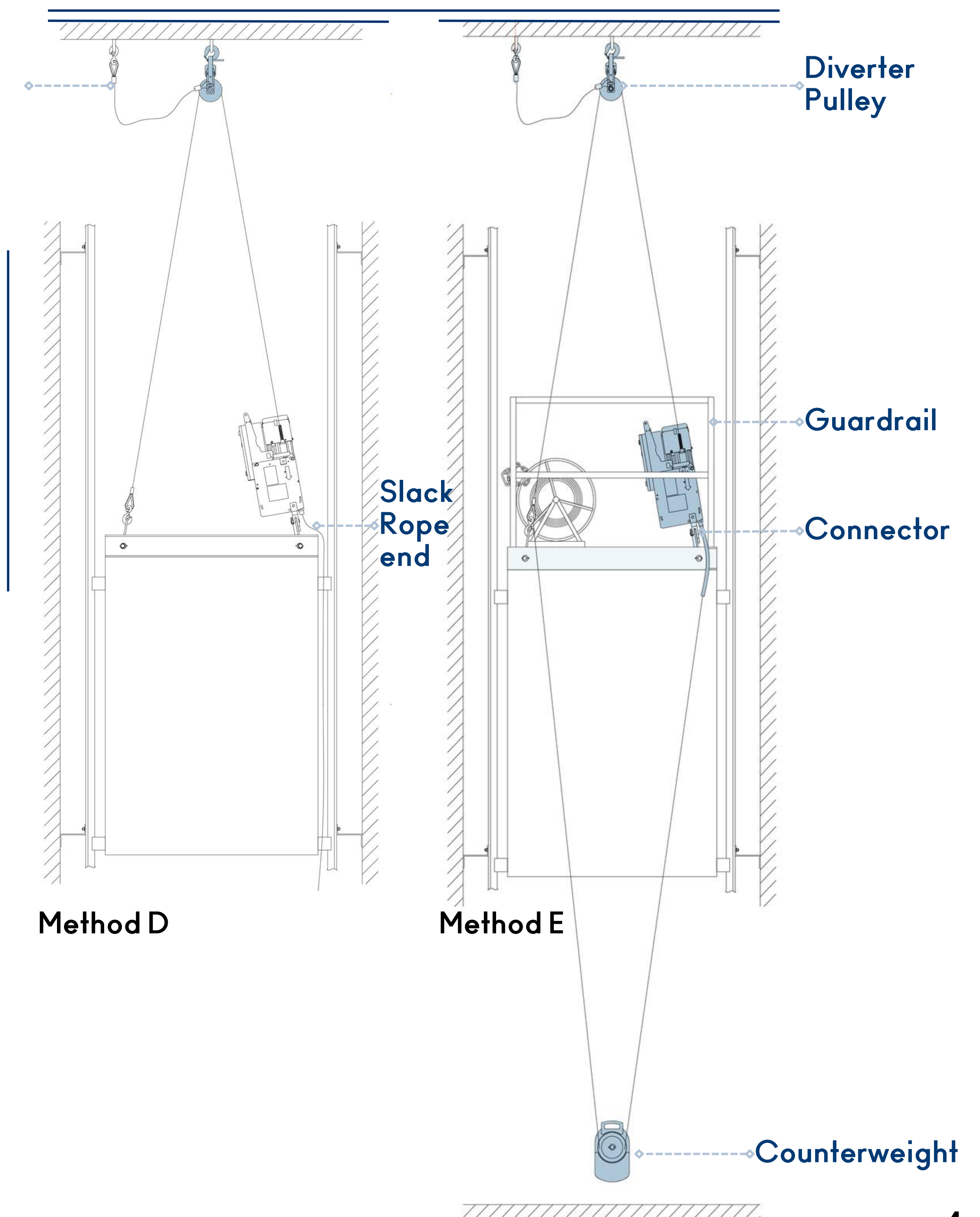
- Safe and secure working environment for installation staff
- High level of independence from the building contractors progress
- Early commencement of lift installation before shaft construction is complete
- Savings of lift installation time up to 30%
- Unlimited operating height (with scaffolding methods, height increases cost and operation constraints).

Main methods of installation with the UNILIFT hoist:

1:1 METHODS



2:1 METHODS





UNILIFT - WIRE ROPE TRACTION HOIST

WITHOUT CONTROL BOX

LIFTING SOLUTIONS

Compliant with:

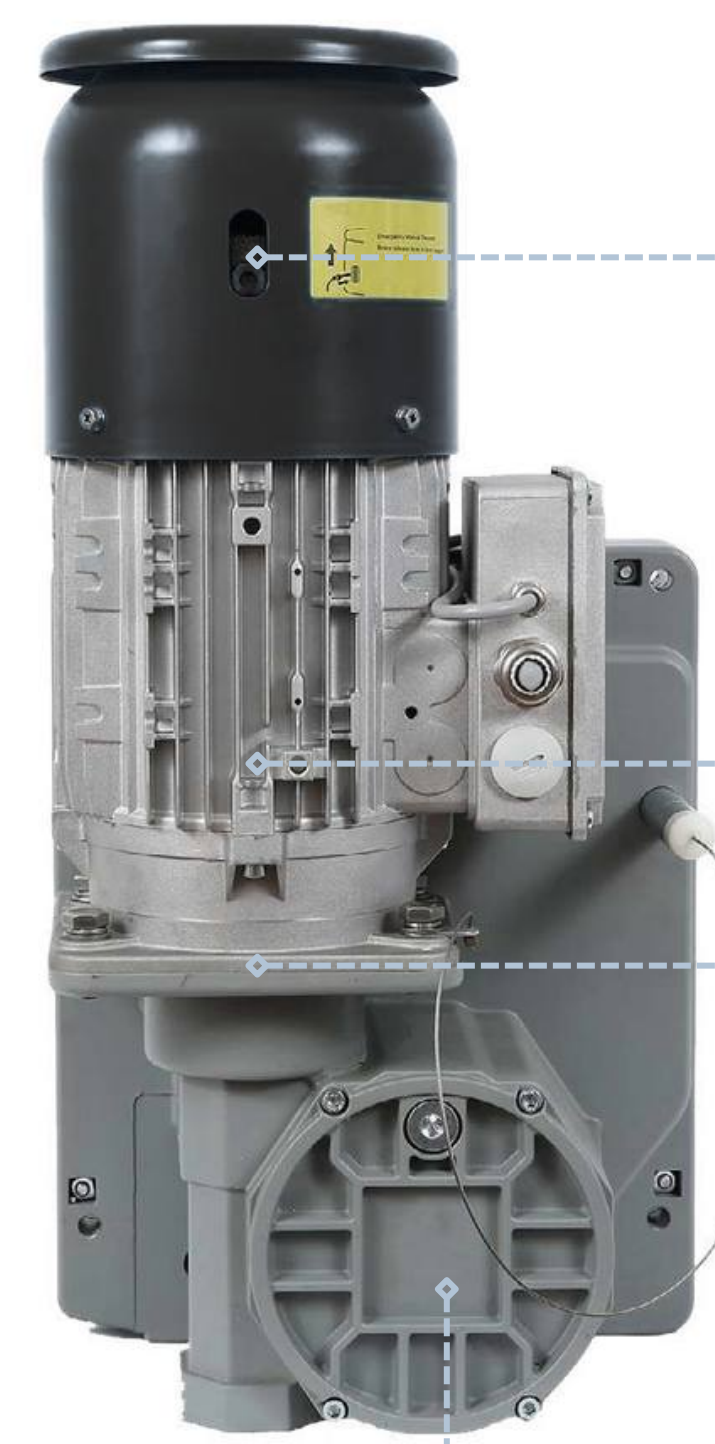
EN1808:2015
EU Directive 2006/42/EC

Main features of hoist without control box:

MODELS: UNI50, UNI63, UNI80, UNI100
Capacity from 500kg up to 1000kg

Key Advantages:

- Made for man-riding applications
- No drum, so no height limits
- Capacity from 500kg up to 2000kg
- Multiple speeds 9m/min or 18m/min
- Build-in overload sensor
- Build-in overspeed limiter system
- A manual lowering mechanism
- A phase control system and thermal overload protection



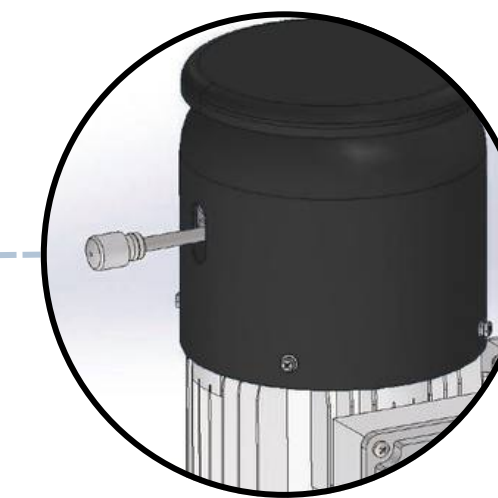
Gear drive

Fabricated from hardened steel, the gearing and drive sheave offer excellent transmission efficiency while remaining cost-effective.



Safety lowering mechanism

Manual brake release of the electromechanical brake for safe load lowering during power outages.



Manual lowering pin

Motor

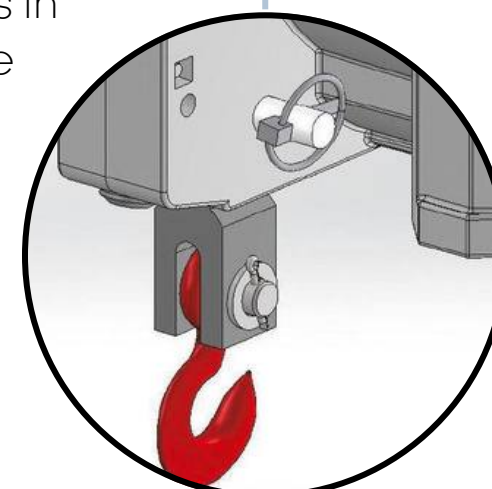
Centrifugal overspeed safety device

Placed on the motor axis between the motor and the gearbox, it manages the descent speed in the event of gearbox failure.



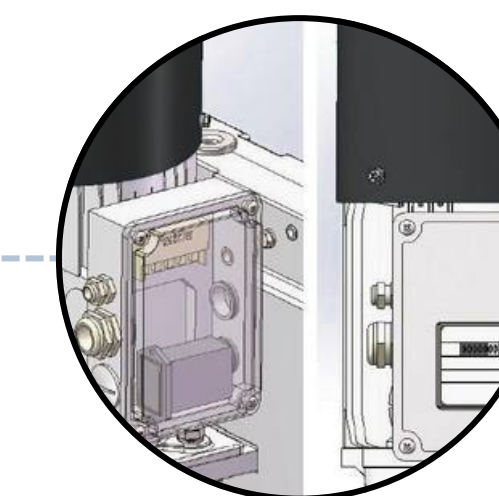
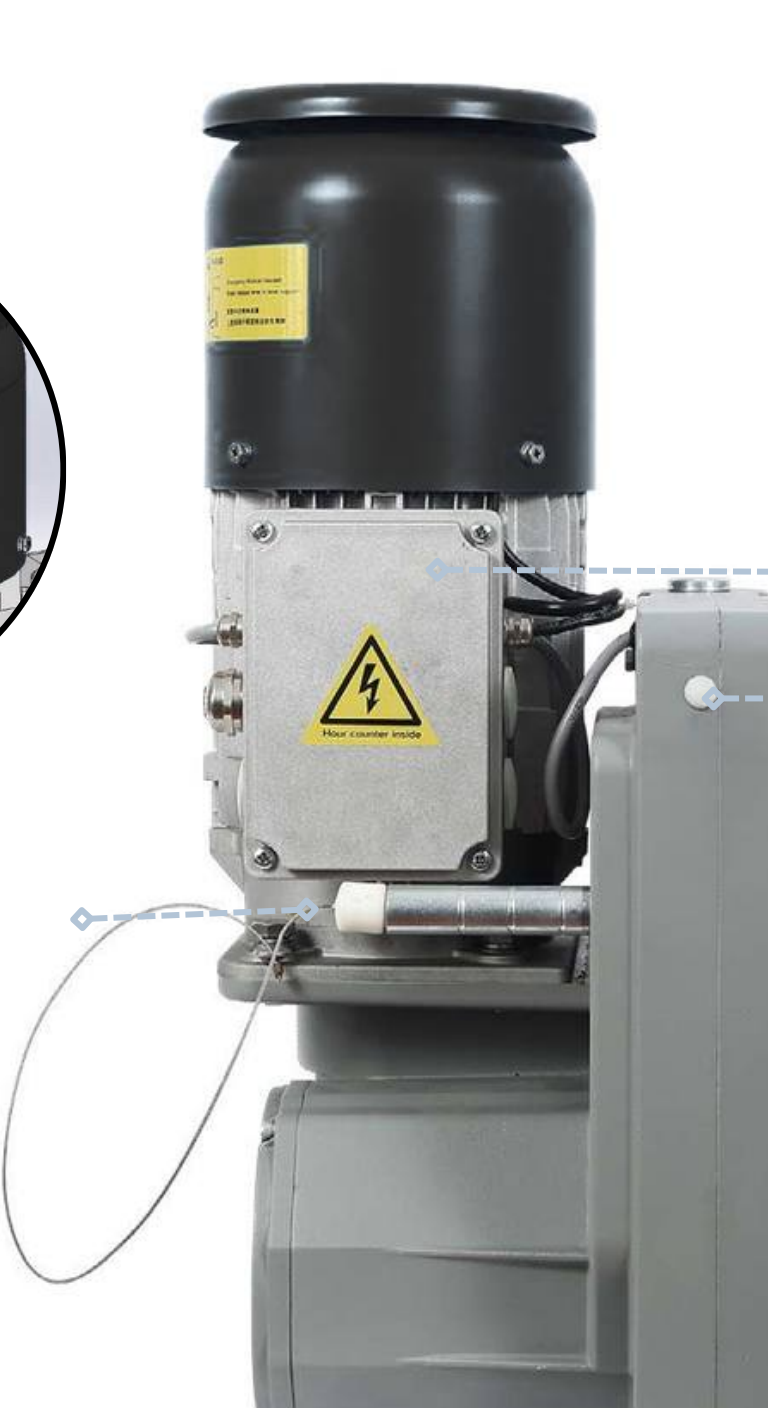
Flexible Attachment Points

The hoist can be suspended from a central suspension point by means of a load pin. As an alternative, attachment points in the corners of the housing are available for flexible attachments of the hoist with hook, screw or pins.



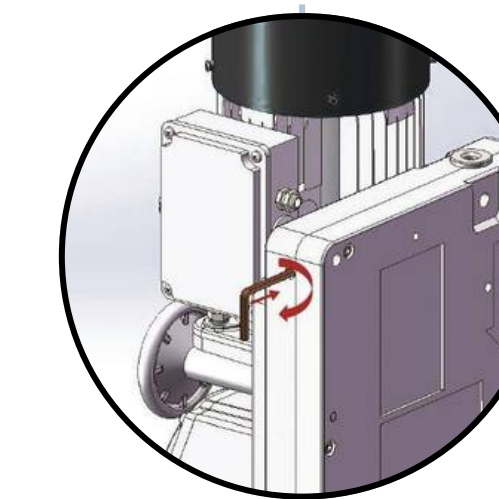
Waterproof cap

Protection IP55. Working temperatures between -20°C to 55 °C and ambient relative humidity: ≤90% (at 25°C)



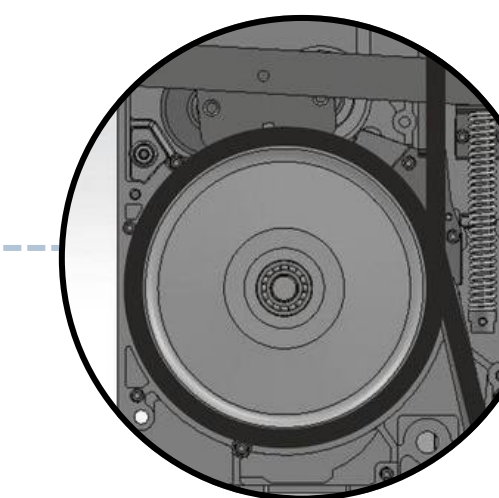
Hour Counter

Record working operating hours. Outdoor type and indoor type.



Built-in overload system

When the load acting on the hoist reaches or exceeds the load limit, the hoist will stop rising or only descend.



"X" Cable-guiding system

The hoist has a single drive pulley. The grip of the wire rope on the pulley is obtained by a set of rollers, operated by a pressure spring unit. Compact in structure, lightweight and easy in operation and maintenance.

Wire Rope Entry



Wire Rope Exit



MODEL: UNI200

Capacity up to 2000kg

Heavy duty

With the same safety and technical features of the previous range, UNI200 doubles the capacity to 2000kg in 1:1.



Casing

The housing is manufactured with die-cast aluminum, ensuring both durability and lightness.





UNILIFT HOIST- WITH CONTROL BOX

CONTROL BOX MODEL A

LIFTING SOLUTIONS

Compliant with:

EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model A:

MODELS: UNI50, UNI63, UNI8
Capacity from 500kg up to 10

Key Advantages of Unilift Hoist, Control Box Model A:

- Designed for Man-Riding & Elevator Installation: Tailored with necessary accessories.
- Region-Specific Monophase Electrical Plugs: Facilitates direct tool connection, eliminating extra electrical extensions.
- Capacity & Speed Variability: 500kg to 1000kg capacity; speeds of 9m/min or 18m/min. Available in 60Hz or 50Hz.
- Manual Lowering Mechanism: For elevator cabin descent during power outages.



*Options and accessories to be defined at the time of order or ordered separately from the control box.



UNILIFT HOIST- WITH CONTROL BOX

CONTROL BOX MODEL B

LIFTING SOLUTIONS

Compliant with:

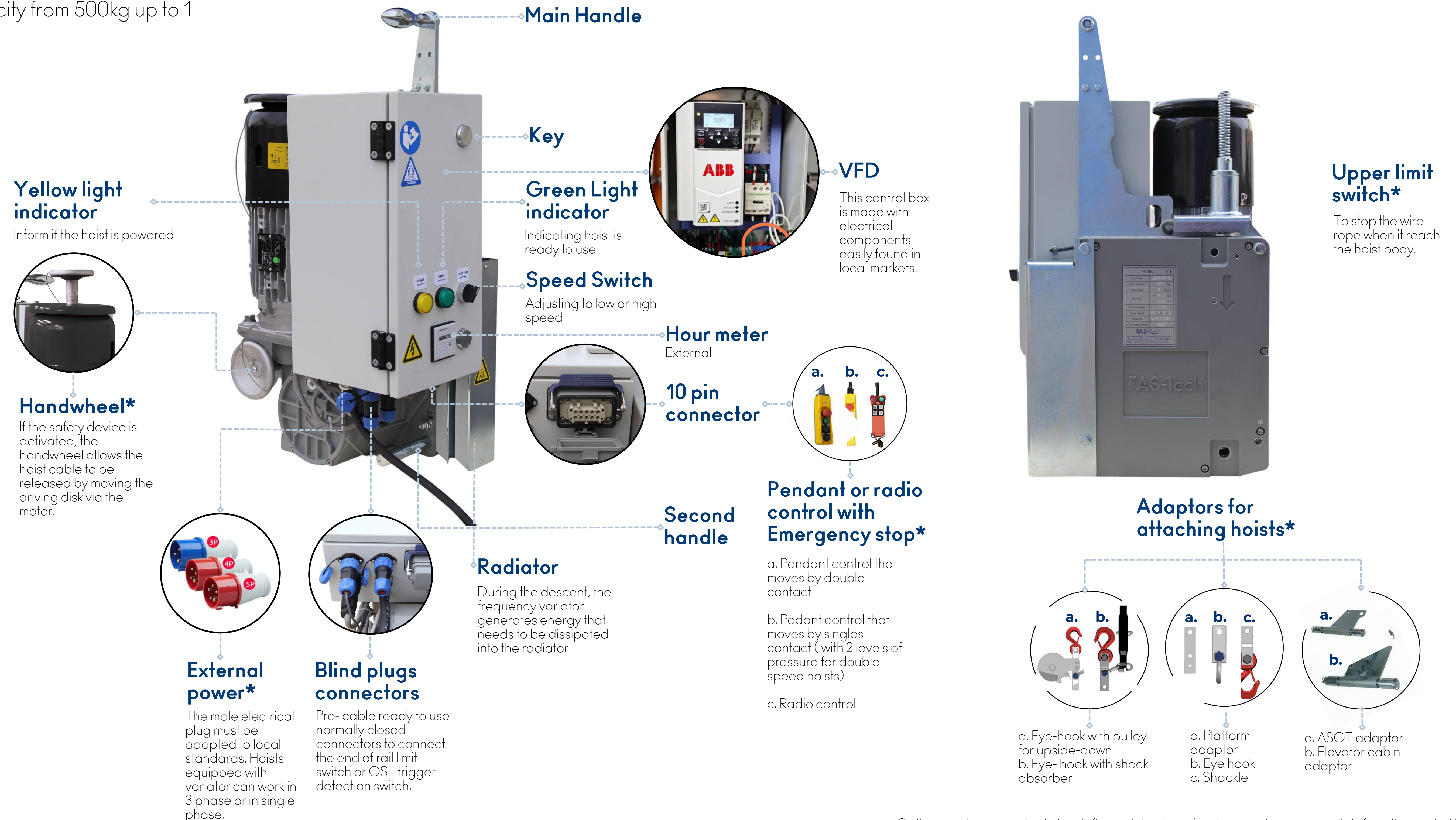
EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model B with frequency variator:

MODELS: UNI50, UNI63, UNI
Capacity from 500kg up to 1

Key Advantages of Unilift Hoist, Control Box Model B:

- Soft Start Feature: Enabled by the frequency variator, ensuring smooth and steady operation.
- Monophase Electrical Grid Compatibility: up to 1 ton, adaptable with both 60Hz and 50Hz, thanks to the frequency variator.
- Double Speed Functionality: Offers increased operational flexibility, made possible through the frequency variator.
- Simplified Wiring: The control box wiring is simplified, attributed to the efficient design of the frequency variator.



*Options and accessories to be defined at the time of order or ordered separately from the control box.



Compliant with:

EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model C :

MODELS: UNI50, UNI60, UNI100, UNI150, UNI200, UNI250
Capacity from 500kg to 2500kg

✓ Key Advantages of Unilift Hoist, Control Box Model C:

- Compact and Robust Design: Crafted with an aluminum control box, featuring a smooth, buttonless surface for enhanced durability and ease of use.
- Integrated Visual and Audio Alerts: Equipped with a light buzzer system, providing immediate and clear operational feedback.
- Pre-installed Cable Blind Plugs: Facilitates effortless connection to external limit switches, significantly improving safety and operational efficiency.



*Options and accessories to be defined at the time of order or ordered separately from the control box.



Compliant with:

EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model C+:

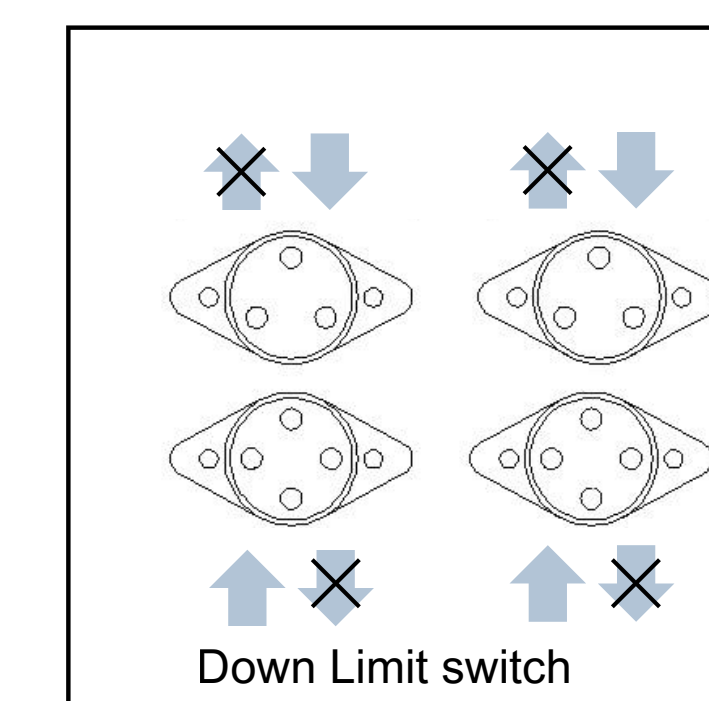
MODELS: UNI100
Capacity from 1000kg

✓ Key Advantages of Unilift Hoist, Control Box Model C+:

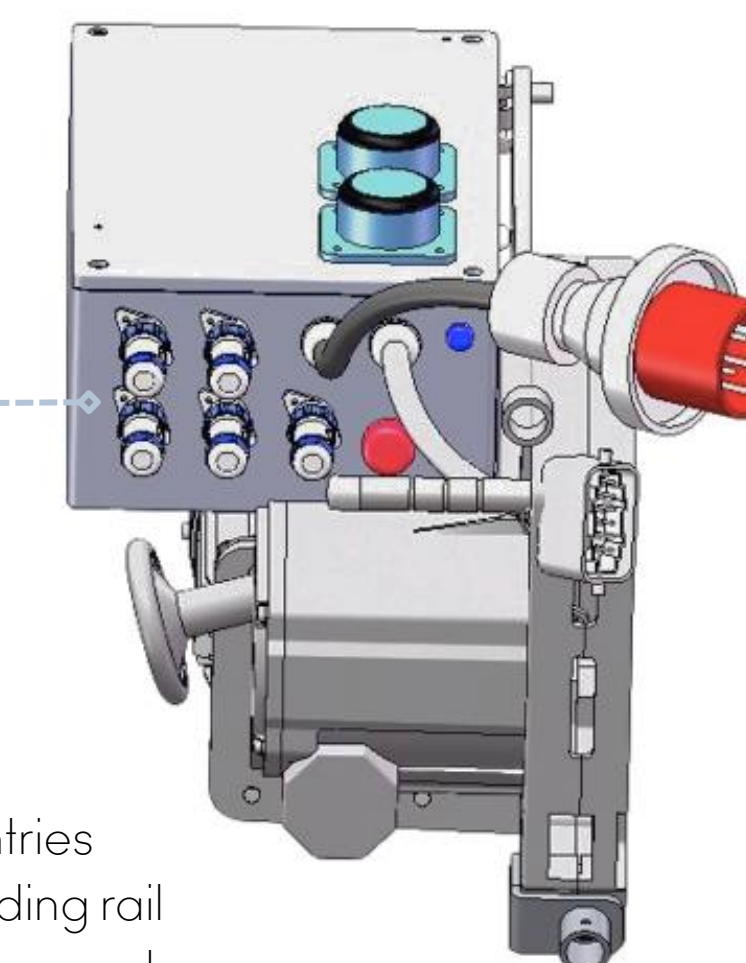
- Durable Aluminium Enclosure: Smooth, corrosion-resistant housing with a key lock for reliable protection in demanding environments.
- Flexible Sensor Integration: Four pre-wired ports allow quick connection of upper and lower limit switches and adaptation to different installation methods.
- Integrated Safety and Power Features: Includes two 220 V sockets, overload protection, emergency descent, a NORD motor, and Schneider Electric pendant control.



***Included accessories: handwheel, pendant control, deviation spring.**



**Pre-connect plugs are sensor entries designed for various sensors, including rail detection, trigger detection on overspeed devices, and position presence detection. They help control upward and downward movement effectively.





Compliant with:

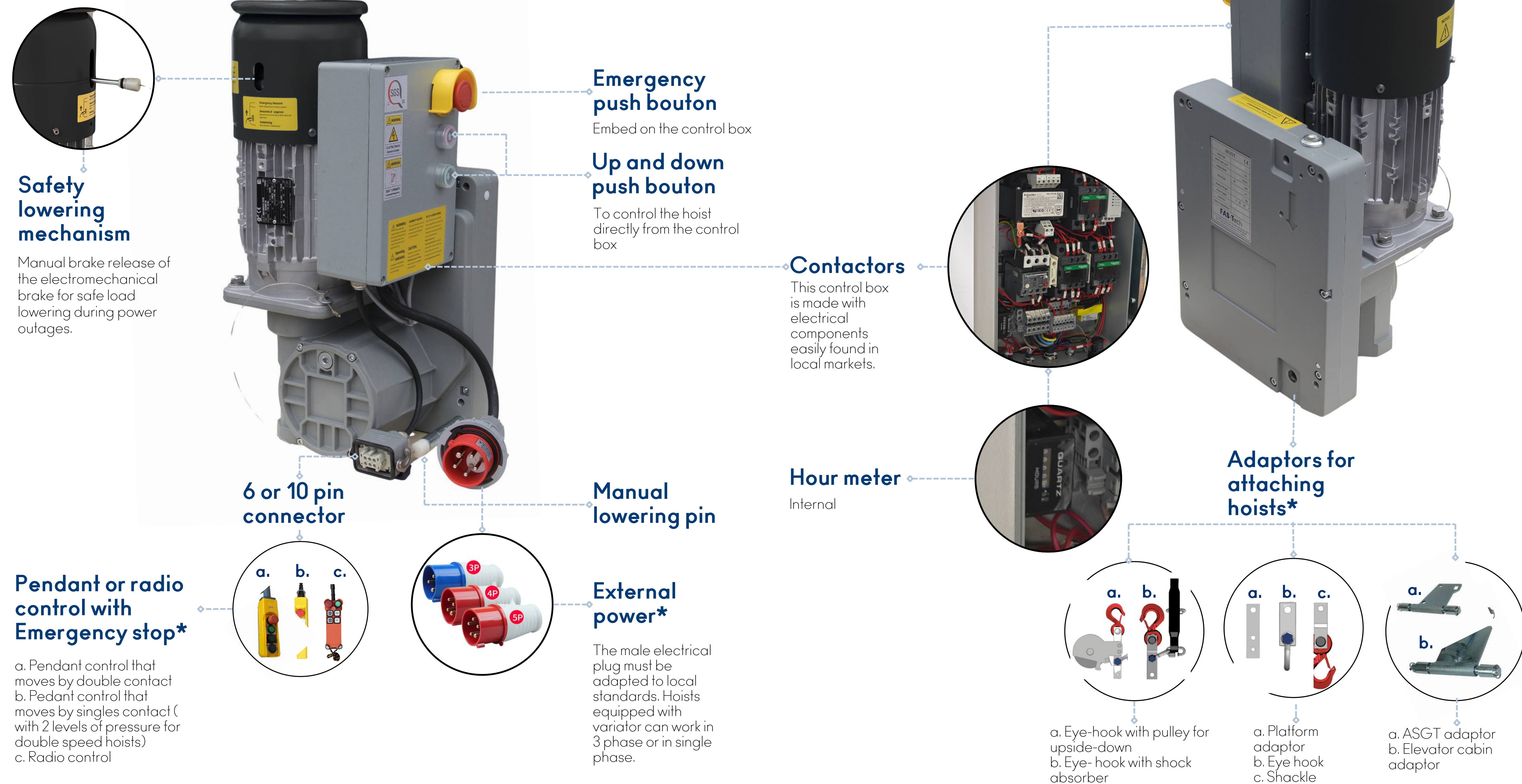
EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model D :

MODELS: UNI50, U
Capacity from 500k

✓ Key Advantages of Unilift Hoist, Control Box Model D:

- Compact and Robust Design: Constructed with an aluminum control box, ensuring durability and resilience in various environments.
- Direct Access Emergency Button: Strategically placed on the control box for immediate response in critical situations.
- Up and Down Command Buttons: Conveniently located on the control box for straightforward and efficient operation.



*Options and accessories to be defined at the time of order or ordered separately from the control box.

Compliant with:

EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model E:

MODELS: UNI50, UNI63, UNI80, UNI100
Capacity from 500kg up to 1000kg

Key Advantages of Unilift Hoist, Control Box Model E:

- The voltage conversion key switch allows for easy transition between 230V and 380V, enhancing adaptability and user convenience.
- An additional inductive sensor accurately detects the cable, increasing safety and reducing the risk of accidents.
- A simplified key design facilitates easy operation and quick replacement, minimizing downtime.
- An emergency button on the control panel ensures immediate shutdown in critical situations, improving safety.

Light indicator

Inform if the hoist is powered

Light and Buzzer indicator

Indicating Overload or Limit Switch Activation



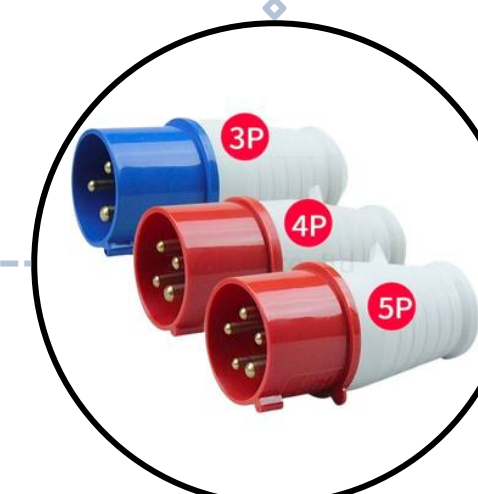
Handwheel*

If the safety device is activated, the handwheel allows the hoist cable to be released by moving the driving disk via the motor.



Phase Switch

The phase switch helps switch the phase with the help of a simple screwdriver.



External power*

The male electrical plug must be adapted to local standards.

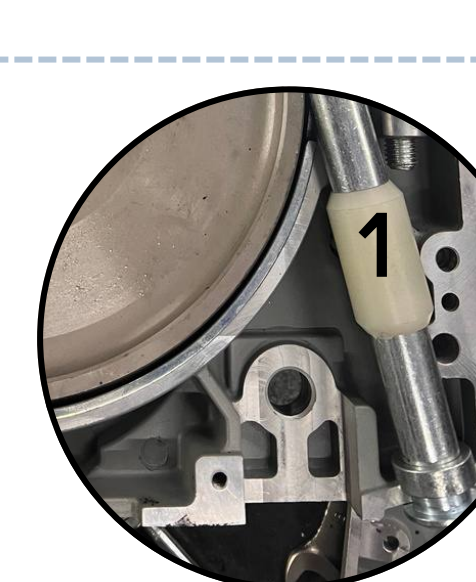


Blind plugs connectors

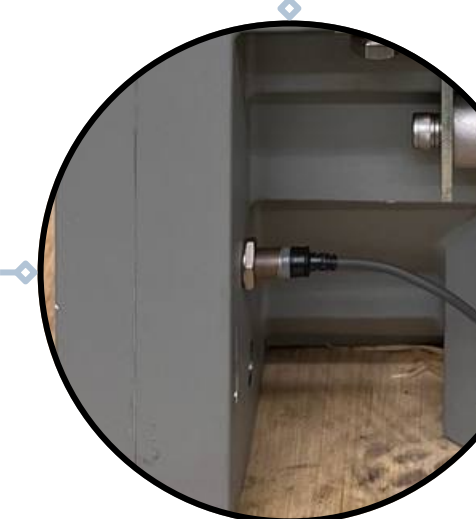
Pre- cable ready to use normally closed connectors to connect the end of rail limit switch or OSL trigger detection switch.



10 pin connector



Main Handle



Inductive sensor with switch button

Detects the presence of the cable in the hoist and automatically stops the hoist before the cable goes out. A button to switch the security in case you need to remove the cable.

Electrical plugs to connect tools*

The female electrical plug must be adapted to local standards.



Hour meter

External

Emergency push button

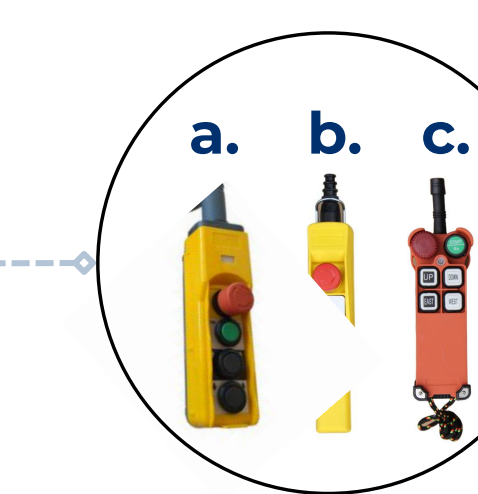
Embed on the control box

Contactors

Switch with key 230V/380V*

This is only possible for single speeds motors

Second handle



Pendant or radio control with Emergency stop*

a. Pendant control that moves by double contact
b. Pedant control that moves by singles contact (with 2 levels of pressure for double speed hoists)
c. Radio control

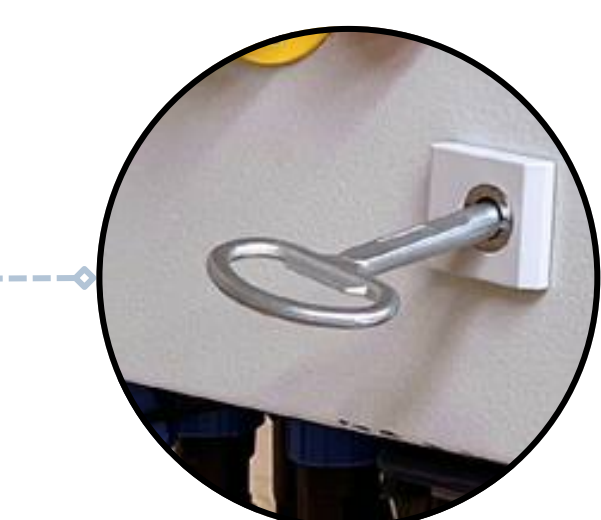
*Options and accessories to be defined at the time of order or ordered separately from the control box.



Red Cap*

Upper limit switch*

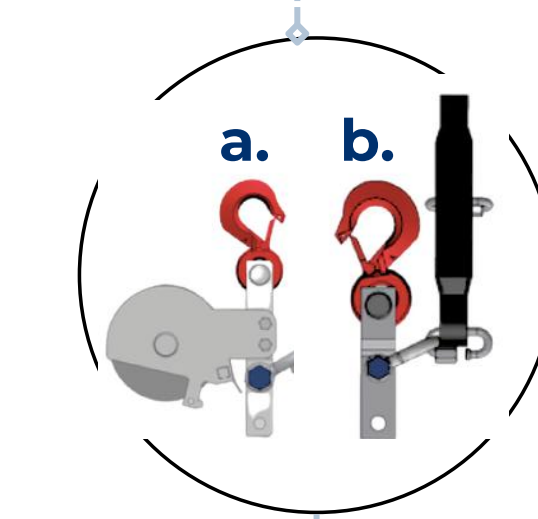
To stop the wire rope when it reach the hoist body.



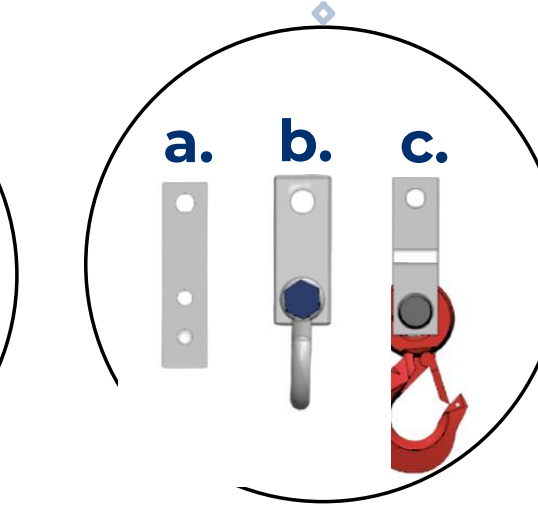
Low complexity key

To close and protect the control box

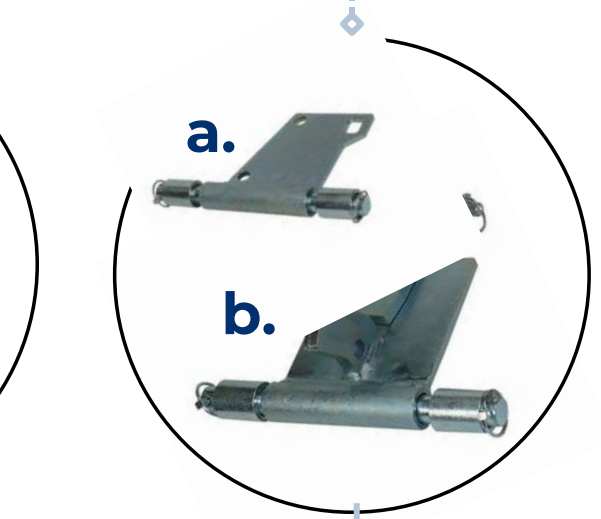
Adaptors for attaching hoists*



a. Eye-hook with pulley for upside-down
b. Eye- hook with shock absorber



a. Platform adaptor
b. Eye hook
c. Shackle



a. ASGT adaptor
b. Elevator cabin adaptor



Compliant with:

EN1808:2015
EU Directive 2006/42/EC

Main features of hoist with control box Model F:

MODEL: UNI200
Capacity from 2000kg

Key Advantages of Unilift Hoist, Control Box Model F:

- Designed for Man-Riding & Elevator Installation: Tailored with necessary accessories.
- Region-Specific Monophase Electrical Plugs: Facilitates direct tool connection, eliminating extra electrical extensions.
- Speed Variability; speeds of 6m/min or 12m/min. Available in 60Hz or 50Hz.
- Manual Lowering Mechanism: For elevator cabin descent during power outages.



*Options and accessories to be defined at the time of order or ordered separately from the control box.



REFERENCE TABLE FOR UNILIFT HOIST

UNILIFT

LIFTING SOLUTIONS

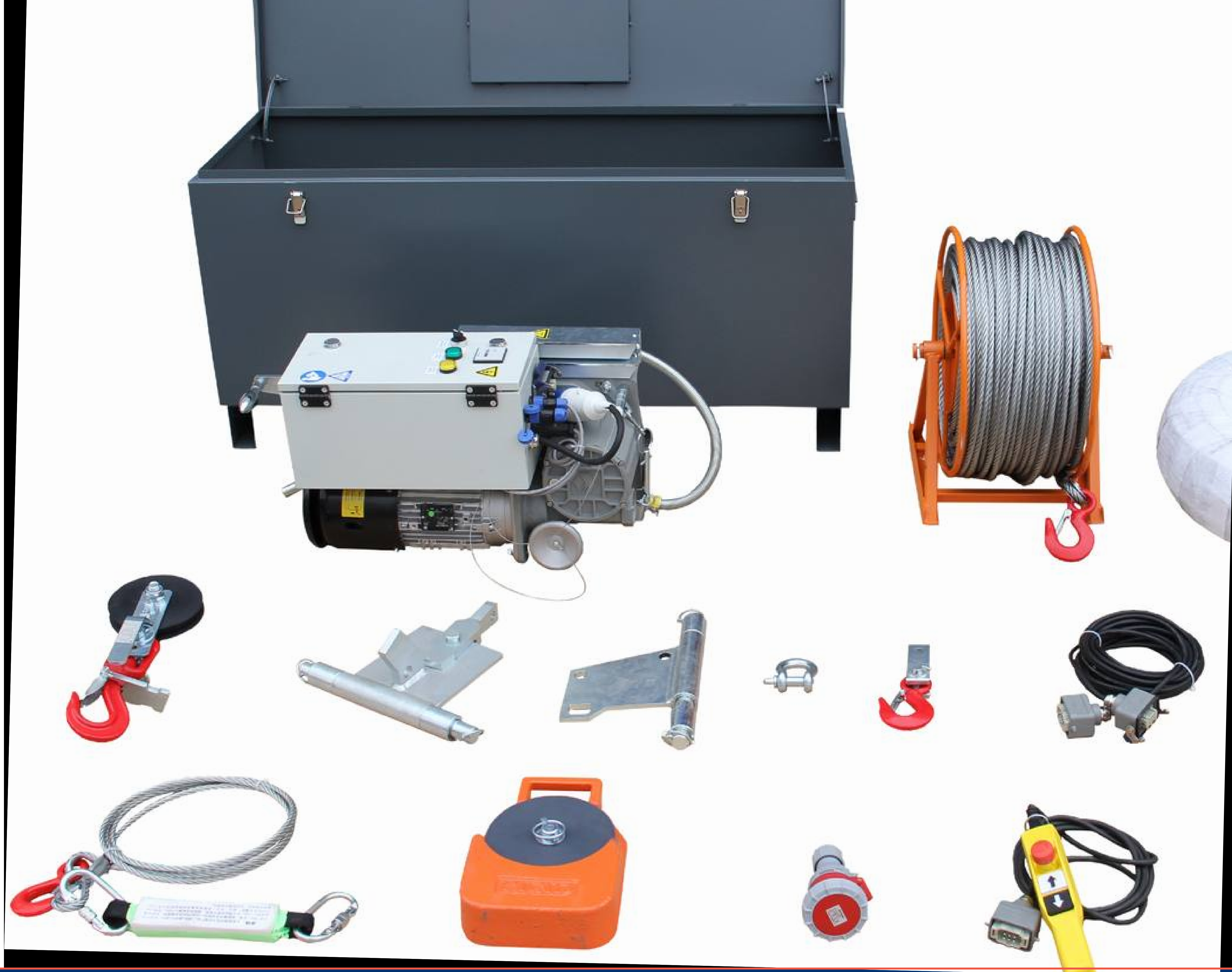


					Without control box		With control box model A		With control box model B		With control box model C/C+		With control box model D		With control box model E		With control box model F			
					50hz	60hz	50hz	60hz	50hz/60hz		50hz	60hz	50hz	60hz	50hz	60hz	50hz	60hz		
					3P		3P		3P	1P	3P		3P		3P		3P			
Model	Working load limit (Kg)	Lifting speed (m/min)	Diameter of wire rope (mm)	Weight (Kg) (without control box)	References															
UNI50-8P9	500	9	8.3	45	UNI50-8P9-WC-50	UNI50-8P9-WC-60	UNI50-8P9-CBA-50	UNI50-8P9-CBA-60	UNI50-8P9-CBB-3P	UNI50-8P9-CBB-1P	UNI50-8P9-CBC-50	UNI50-8P9-CBC-60	UNI50-8P9-CBD-50	UNI50-8P9-CBD-60	n/a	n/a	n/a	n/a		
UNI50-8P18		18		48	UNI50-8P18-WC-50	UNI50-8P18-WC-60	UNI50-8P18-CBA-50	UNI50-8P18-CBA-60	UNI50-8P18-CBB-3P	UNI50-8P18-CBB-1P	UNI50-8P18-CBC-50	UNI50-8P18-CBC-60	UNI50-8P18-CBD-50	UNI50-8P18-CBD-60						
UNI50 - 8P918		9 - 18		50	UNI50 - 8P918-WC-50	n/a	UNI50 - 8P918-CBA-50	n/a	UNI50 - 8P918-CBB-3P	n/a	UNI50 - 8P918-CBC-50	n/a	UNI50 - 8P918-CBD-50	n/a						
UNI63-8P9	600	9	8.3	45	UNI63-8P9-WC-50	UNI63-8P9-WC-60	UNI63-8P9-CBA-50	UNI63-8P9-CBA-60	UNI63-8P9-CBB-3P	UNI63-8P9-CBB-1P	UNI63-8P9-CBC-50	UNI63-8P9-CBC-60	UNI63-8P9-CBD-50	UNI63-8P9-CBD-60						
UNI63-8P18		18		48	UNI63-8P18-WC-50	UNI63-8P18-WC-60	UNI63-8P18-CBA-50	UNI63-8P18-CBA-60	UNI63-8P18-CBB-3P	UNI63-8P18-CBB-1P	UNI63-8P18-CBC-50	UNI63-8P18-CBC-60	UNI63-8P18-CBD-50	UNI63-8P18-CBD-60						
UNI63-8P918		9-18		50	UNI63-8P918-WC-50	n/a	UNI63-8P918-CBA-50	n/a	UNI63-8P918-CBB-3P	n/a	UNI63-8P918-CBC-50	n/a	UNI63-8P918-CBD-50	n/a						
UNI80-9P9	800	9	9.1/9,5	46	UNI80-9P9-WC-50	UNI80-9P9-WC-60	UNI80-9P9-CBA-50	UNI80-9P9-CBA-60	UNI80-9P9-CBB-3P	UNI80-9P9-CBB-1P	UNI80-9P9-CBC-50	UNI80-9P9-CBC-60	UNI80-9P9-CBD-50	UNI80-9P9-CBD-60						
UNI80-9P18		18		60	UNI80-9P18-WC-50	UNI80-9P18-WC-60	UNI80-9P18-CBA-50	UNI80-9P18-CBA-60	UNI80-9P18-CBB-3P	UNI80-9P18-CBB-1P	UNI80-9P18-CBC-50	UNI80-9P18-CBC-60	UNI80-9P18-CBD-50	UNI80-9P18-CBD-60						
UNI80-9P918		9-18		62	UNI80-9P918-WC-50	n/a	UNI80-9P918-CBA-50	n/a	UNI80-9P918-CBB-60	n/a	UNI80-9P918-CBC-50	n/a	UNI80-9P918-CBD-50	n/a						
UNI100 -10P9	1000	9	10.2	48	UNI100 -10P9-WC-50	UNI100 -10P9-WC-60	UNI100 -10P9-CBA-50	UNI100 -10P9-CBA-60	UNI100 -10P9-CBB-3P	UNI100 -10P9-CBB-1P	UNI100 -10P9-CBC-50/UNI100 -10P9-CBC+-50	UNI100 -10P9-CBC-60	UNI100 -10P9-CBD-50	UNI100 -10P9-CBD-60	UNI100 -10P9-CBE-50	UNI100 -10P9-CBE-60				
UNI100-10P18		18		62	UNI100-10P18-WC-50	UNI100-10P18-WC-60	UNI100-10P18-CBA-50	UNI100-10P18-CBA-60	UNI100-10P18-CBB-50	UNI100-10P18-CBB-60	UNI100-10P18-CBC-50	UNI100-10P18-CBC-60	UNI100-10P18-CBD-50	UNI100-10P18-CBD-60					UNI100 -10P18-CBE-50	UNI100 -10P18-CBE-60
UNI100-10P9/18		9-18		64	UNI100-10P9/18-WC-50	n/a	UNI100-10P9/18-CBA-50	n/a	UNI100-10P9/18-CBB-50	n/a	UNI100-10P9/18-CBC-50	n/a	UNI100-10P9/18-CBD-50	n/a					UNI100-10P9/18-CBE-50	UNI100-10P9/18-CBE-60
UNI200-14P6	2000	6	14	113	UNI200-14P6-WC-50	UNI200-14P6-WC-60	n/a										UNI200-14P6-CBF-50	UNI200-14P6-CBF-60		
UNI200-14P12	2000	12	14	113	UNI200-14P12-WC-50	UNI200-14P12-WC-60	n/a										UNI200-14P12-CBF-50	UNI200-14P12-CBF-60		

Must comment models available in stock

ACCESSORIES FOR UNILIFT® HOIST

Elevator installation
Applications





Compliant with:

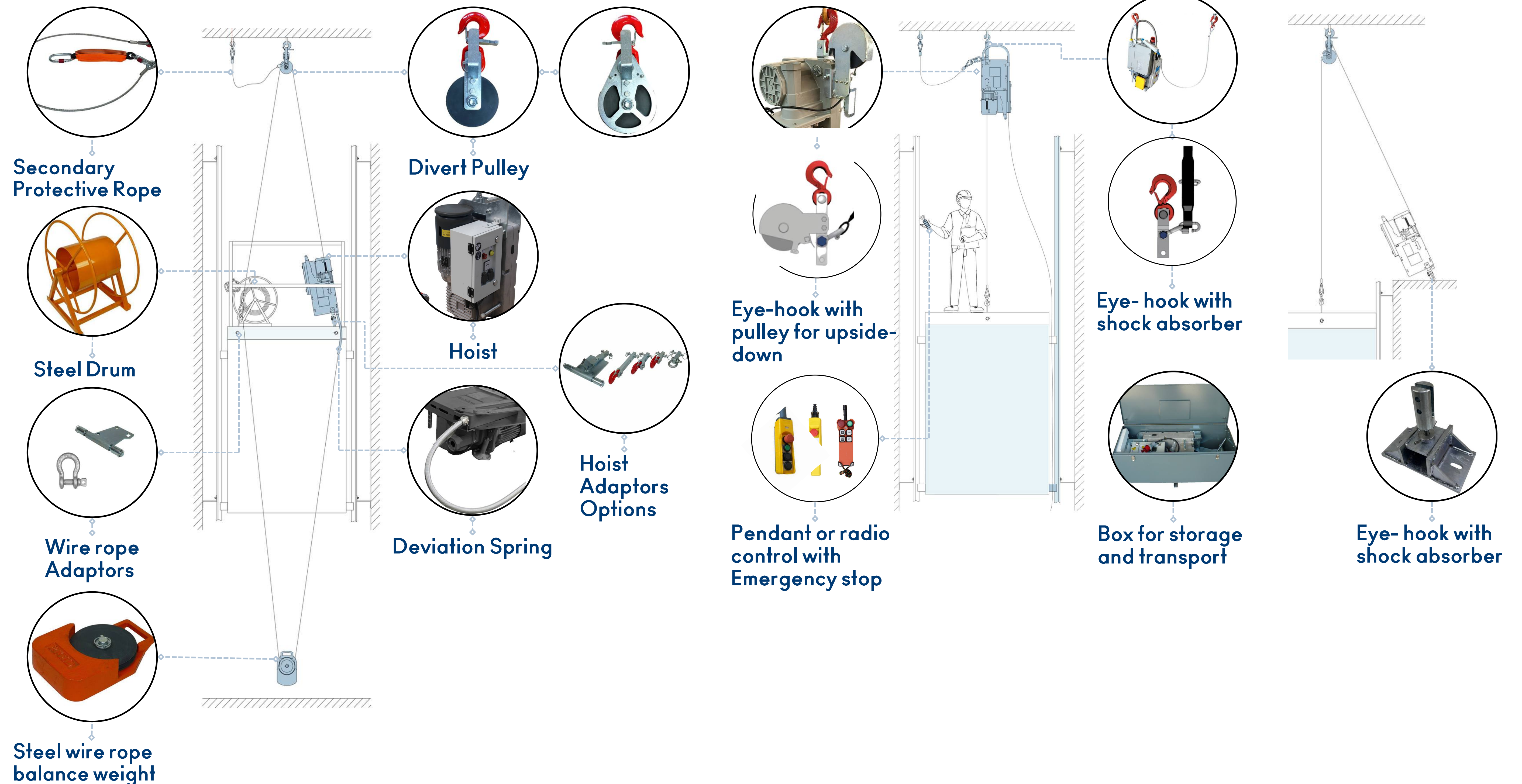
EN1808:2015
EU Directive 2006/42/EC

Typical Elevator Installation Kit:

HOISTS MODELS: UNI50, UNI63, UNI80, UNI100, UNI200
Capacity from 500kg up to 2000kg

Key Advantages:

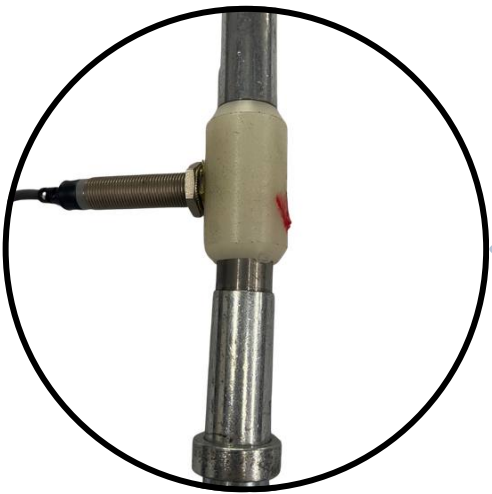
- **Comprehensive Toolset:** A complete, bespoke kit provides all necessary tools and accessories for any scenario, ensuring a smooth installation process.
- **Enhanced Safety:** Tailored kits improve the safety and security for installation teams, reducing accident risks.
- **Flexible Installation Height:** The use of traction hoists enables installation at any height without the cost and constraints of scaffolding.





 Main Accessories for UNILIFT hoist :

Additional Unilift Hoist Sensors



Inductive rope end switch, integrated in hoist

REF: USIRS
Detect the presence of the cable on the hoist to prevent it from slipping out.



Rope deflection pulley

REF: USRDP
To prevent the cable from slipping out, use the upside-down installation configuration.



End Rail Limit Switch

REF: USERLS
To prevent the cabin from derailling and detect the presence of the rail, a signal is sent to stop the hoist.



UNI50 to UNI100
REF: USULS100



UNI200
REF: USULS200

Upper Limit Switch

To prevent the cable hook from damaging the hoist when it nears the hoist body.



Emergency limit switch with 2.2m cable

REF: USELS2.2
Suitable for suspended platform use

Item	Reference
Inductive rope end switch, integrated in hoist	USIRS
Rope deflection pulley	USRDP
Upper limit switch for UNI50 up to UNI100	USULS100
Upper limit switch for UNI200	USULS200
End Rail Limit Switch	USERLS
Emergency limit switch with 2.2m cable	USELS2.2

Options for Unilift Hoist Commands



Pendant control with safety bouton

REF: UCPC100
To operate the up and down function, use both hands to press two buttons, including the emergency stop button.



Pendant control

REF: UCPCS100 or UCPCS200
Schneider Electric pendant control with a dual-pressure button feature for operating a hoist at double speed.



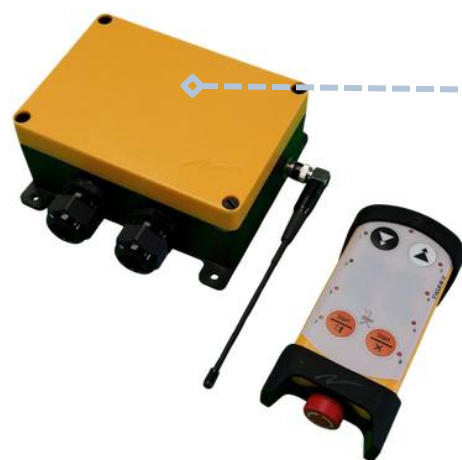
Extension cable - pendant control

REF: UCPCEXC
Socket and plug
REF: UCPCSP10P



Remote control system

REF: UCRSCRANE
TELECRANE *for material transportation only



Remote control system

REF: UCRSRADIO
TELERADIO *for people transportation

Item	Reference
Pendant control with safety	UCPC100
Pendant control Schneider for UNI50 up to UNI100	UCPCS100
Pendant control Schneider for UNI200	UCPCS200
Extension cable – pendant control (unit /m)	UCPCEXC
Socket and plug 10P for pendant control extension cable	UCPCSP10P
Remote control system TELECRANE *for material transportation only	UCRSCRANE
Remote control system TELERADIO *for people transportation	UCRSRADIO



Electrical Accessories



Female Electrical Plug

HTCN Industrial female plug

Socket and plug 5P 16A for UNI50 up o UNI100 - REF: UEFEP100

Socket and plug 5P 32A for UNI200 - REF: UEFEP200



Extension cable - connection

REF: UEEC

Electrical cable for 400V

Socket and plug

REF: UESP16

REF: UESP32



Anchoring Clamps

To prevent the electrical cable from being damaged by its own weight, adhere to the specified clamping ranges:

- 8,5 – 13,5mm - REF: UEAC13.5
- 13,5 – 17,5mm - REF: UEAC17.5
- 17,5 – 22,5mm - REF: UEAC22.5



Female Electrical Socket

REF: UEPPCE

NAUTILUS Socket Outlet Specifications:

- Voltage/Amperage: 250V~/ 16A / 2P+E
- Protection: IP66/68
- Waterproof (2bar/2h)

Item	Reference
Female Electrical Plug - connection 400V - 5P 16A for UNI50 up to UNI100	UEFEP100
Female Electrical Plug - connection 400V - 5P 32A for UNI200	UEFEP200
Extension cable – connection 400V (€/m) for UNI-P	UEEC
Extension cable – connection 400V – Socket and plug 5P 16A for UNI-P	UESP16
Extension cable – connection 400V – Socket and plug 5P 32A for UNI200	UESP32
Anchoring clamps for cable dia. 8,5-13,5mm	UEAC13.5
Anchoring clamps for cable dia. 13,5-17,5mm	UEAC17.5
Anchoring clamps for cable dia. 17,5-22,5mm	UEAC22.5
Optional Nautilus Electrical Plug - connection 250V 16A - 2P+E	UEPPCE

Additional Mechanical Accessories



Handwheel*

REF: UMH

If the safety device is activated, the handwheel allows the hoist cable to be released by moving the driving disk via the motor.



Hook body bracket

Connect the wire rope hook directly to the hoist in a 2:1 configuration.



Deviation Spring

REF: UMDS

Deviate the wire rope cable at the exit of the hoist to avoid collisions with the elevator cabin. It can also be use to deviate the wire rope in a upside down configuration



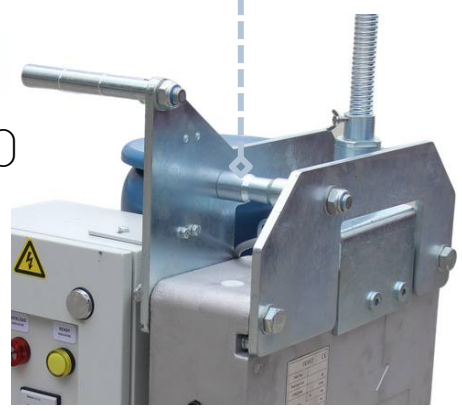
Brake lever extension of emergency brake lever

REF: UMBLE

Mainly used in windmill applications where the hoist is positioned on top of the cabin to provide access to the brake.



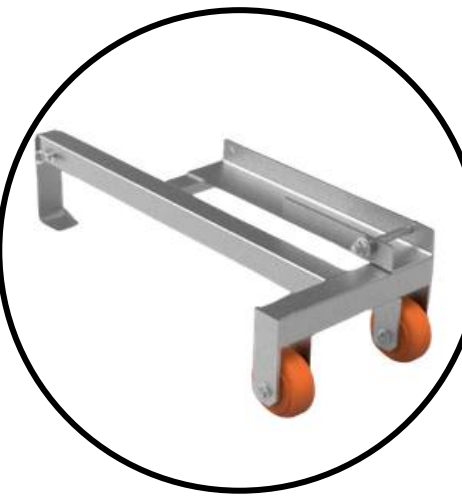
REF: UMHBB100



REF: UMHBB200

Item	Reference
Handwheel for hoist	UMH
Hook body bracket for UNI50 up to UNI100	UMHBB100
Hook body bracket for UNI200	UMHBB200
Deviation spring	UMDS
Brake lever extension of emergency brake lever	UMBLE

Accessories for Transportation and Storage



Trolley

REF: UTST

Hoist trolley with a telescopic rod that aids in transporting the hoist.



Tool box for hoist

REF: UTSTB

The steel transportation box measures 1,3m x 0,5m x 0,65m.

Item	Reference
Hoist Trolley	UTST
Tool box for hoist	UTSTB



Compliant with:

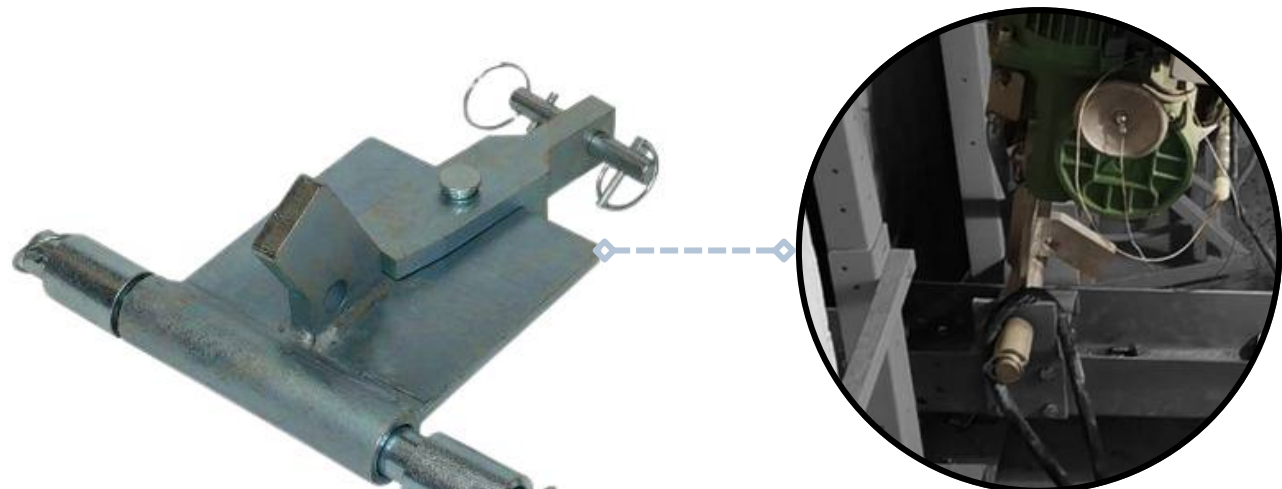
DIN15401

Main Adaptors:

ADAPTORS FOR HOIST MODELS: UNI50, UNI63, UNI80, UNI100
Capacity from 500kg up to 1000kg

Important notes:

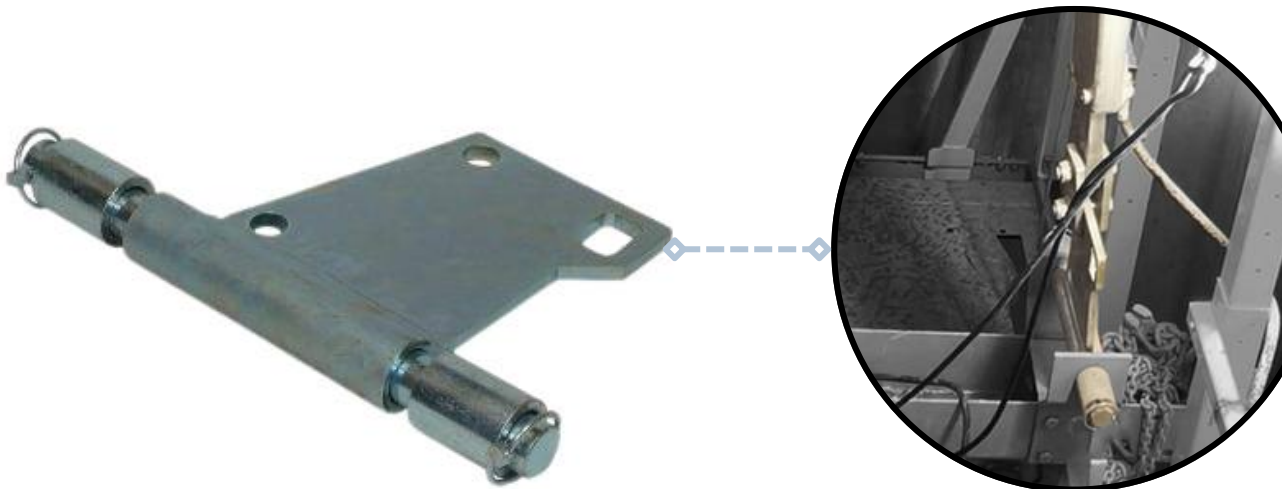
- Choice of Attachment:
Utilize either a pin shaft or a bolt in conjunction with an adapter for secure attachment to the hoist.
- Specification Compliance:
Ensure pin shafts are $\varnothing 16$ and bolts are M16, adhering to strength level 8.8 for optimal balance between durability and flexibility, avoiding higher levels like 12.9 due to their brittleness.
- Securing Components: Use self-locking nuts with either attachment option to prevent loosening and ensure a reliable, long-lasting fix.



Cabin Hoist Adaptor

REF: UA100KO

Attaches to cabin roof, enables 180° movement, keeps hoist stationary for loads up to 1 ton even when cable is slack.



Cabin ASGT Adaptor

REF: UA100AS

Connect the roof of the cabin to attach the "Automatic Safety Gear Trigger" using a 2:1 method.



360 ° floor anchor

REF: UA100OT

An anchor point is utilized to secure the hoist to the floor, enabling a 360° freedom of movement.



Adapter 2 holes

REF: UA100UL

Hoist adaptor with 2 holes for suspended platforms or 360° floor anchor.



Adapter with shackle 1t

REF: UA100ASK



Shackle

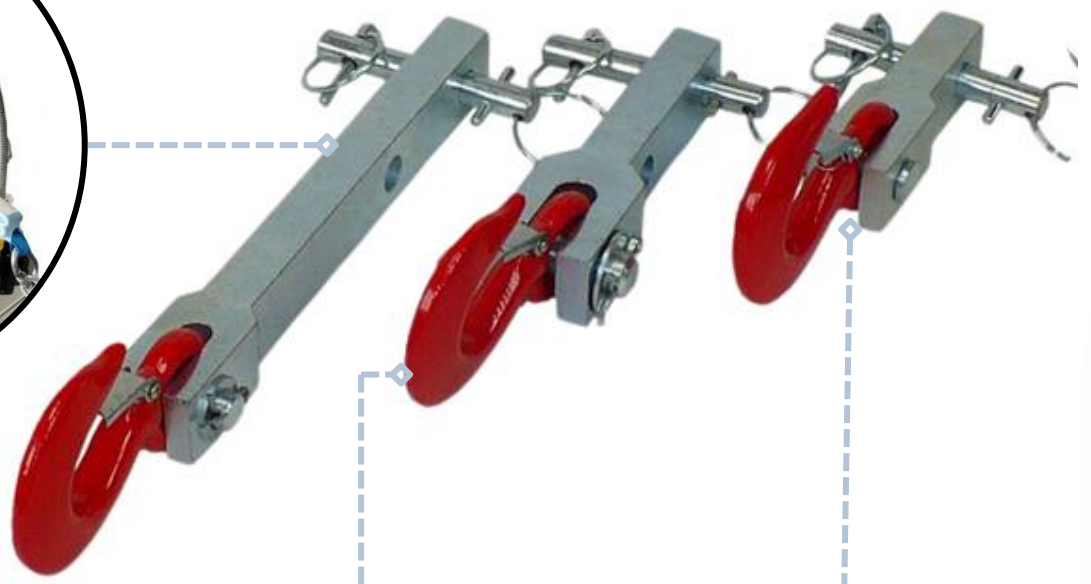
REF: UA100SK

Used in 2:1 systems for hook connections, linking wire rope hooks to slings or cabin elements.



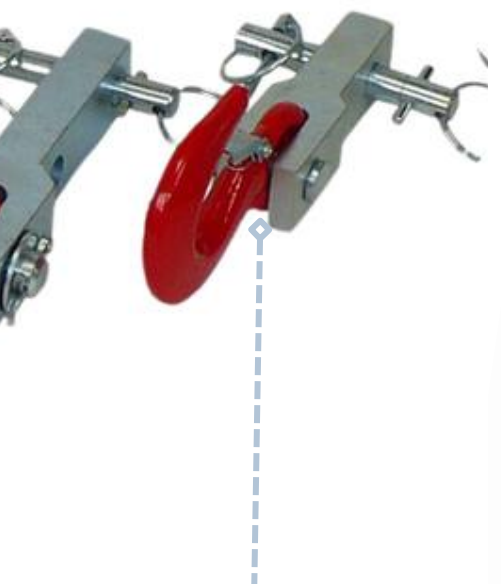
Eye-hook Adaptor with 2 holes - 28,7cm long

REF: UA100EYH3



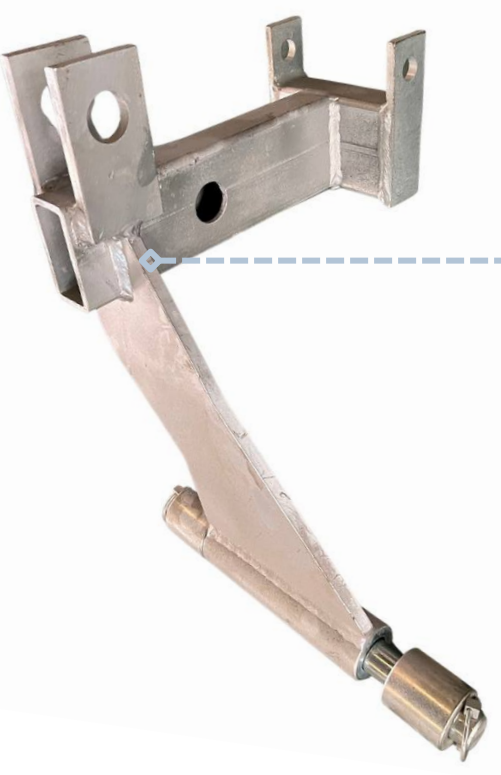
Eye-hook Adaptor with 2 holes

REF: UA100EYH2



Eye-hook Adaptor

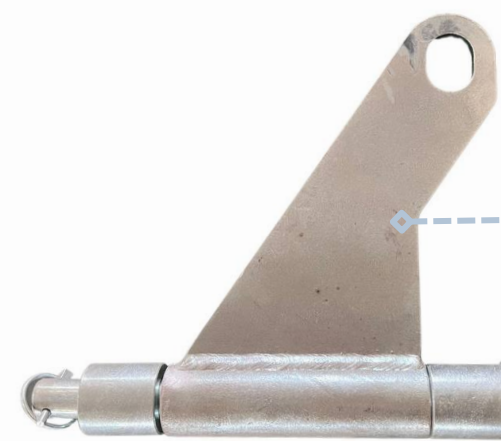
REF: UA100EYH1



Cabin Hoist Adaptor

REF: UA200KO

Attaches to cabin roof, enables 180° movement, keeps hoist stationary for loads up to 1 ton even when cable is slack.



Cabin ASGT Adaptor

REF: UA200AS

Connect the roof of the cabin to attach the "Automatic Safety Gear Trigger" using a 2:1 method.



Adapter with shackle 2t

REF: UA200ASK



Shackle 8.5t

REF: UA200SK

Used in 2:1 systems for hook connections, linking wire rope hooks to slings or cabin elements.

Name	Reference
ADAPTORS FOR HOIST MODELS: UNI50, UNI63, UNI80, UNI100	
Cabin Hoist Adaptor 1t	UA100KO
ASGT Adaptor up to 1t	UA100AS
360 ° floor anchor adaptor up to 1t	UA100OT
Adapter for hoist UNI-P with 2 holes	UA100UL
Adapter with shackle for hoist UNI-P up to 1 ton.	UA100ASK
Shackle used for hook connection in 2:1 systems up to 1 ton.	UA100SK
Adapter with eye-hook for hoist UNI-P with 2 holes - 28,7cm long	UA100EYH3
Adapter with eye-hook for hoist UNI-P with 2 holes	UA100EYH2
Adapter with eye-hook for hoist UNI-P	UA100EYH1
ADAPTORS FOR HOIST MODEL: UNI200	
Cabin Hoist Adaptor 2t	UA200KO
ASGT or hook Adaptor up to 2t	UA200AS
Adapter with shackle for hoist UNI-P up to 2 ton.	UA200ASK
Shackle used for hook connection in 2:1 systems up to 8.5 ton.	UA200SK



Compliant with:

EUROPEAN DIRECTIVE 2010
2006/42/EC & DIN EN10204

Key Fiber Core wire rope properties:

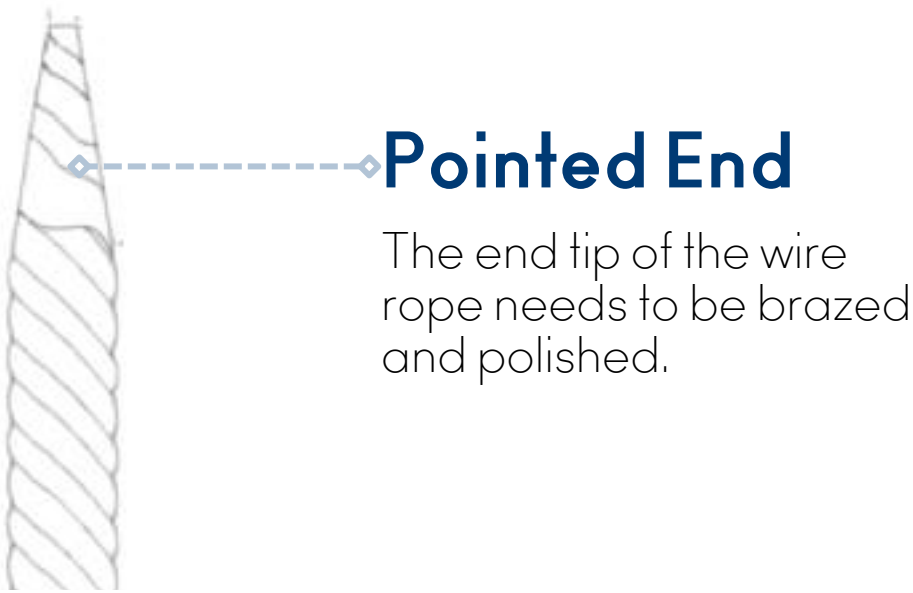
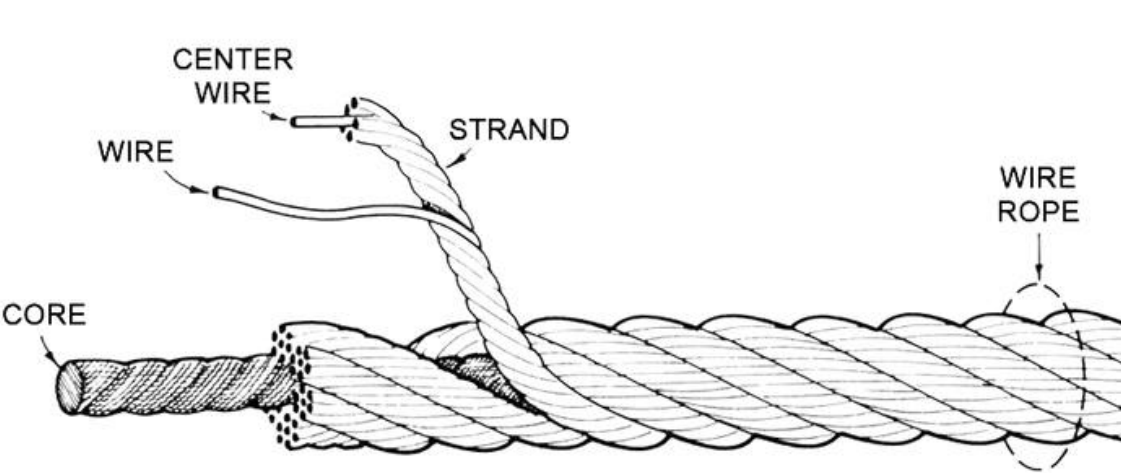
- Enhanced Flexibility: They offer better bending flexibility, which is crucial for the smooth operation of hoists.
- Shock Absorption: Their ability to absorb shock loads makes them suitable for dynamic lifting operations.
- Resistance to Environmental Conditions: Fiber core ropes are more resistant to corrosive environments due to the lubrication retained within the fiber core.

Main features of Fiber Core Wire - Rope:

For UNI50 up to UNI200 UNILIFT HOISTS

Dimensions and Characteristics:

The wire rope structure and specifications for the hoist must align with the parameters in the table below to ensure safe usage without any failures. Using an unauthorized wire rope could result in failures, pose safety risks, and hasten the wearing out or breaking of the wire ropes. Fiber core is utilized for wire ropes of various diameters in hoists.



Hoist model	Structure of wire rope	Diameter	Tensile strength	Minimal breaking force	Manufacturer
UNI50 Series UNI63 Series	4×31SW+FC 5×K19SW+FC 5×31SW+FC	8.3 mm	1960 MPa 2160 MPa	49.4 kN	FAS-Tech Pfeifer-Drako DWH Vornbäumen
UNI80 Series		9.1 mm	2160 MPa	62.7 kN	
UNI100 Series		10.2 mm		78.4 kN	
UNI200 Series	5×26WS+FC 5×31SW+FC	14 mm	2160 MPa	156.8kN	

Wire-rope accessories:



Steel drum reel

(0-50m) REF: WRSTR50
(50-100m) REF: WRSTR100
(100-150m) REF: WRSTR150
(150-200m) REF: WRSTR200
(200-250m) REF: WRSTR250

Wooden reeler

REF: WRWR300

Coiled storage

REF: WRCS



Wire rope with thimble and hook and pointed end

REF: WRTHIHKPE



Self-locking hook

REF: WRSLH



Hook with Wedge socket

REF: WRHWS

Name	Reference
Wire rope 14mm – per 1 meter	WRFAS14
Wire rope 10.2mm – per 1 meter	WRFAS10.2
Wire rope 9.1mm – per 1 meter	WRFAS9,5
Wire rope 8.3mm – per 1 meter	WRFAS8,3
Cutting of wire rope with thimble and hook and pointed end (rope 8-11)	WRTHIHKPE
Self-locking hook for 8-11mm wire rope	WRSLH
Hook with wedge socket	WRHWS
Steel drum reel 100 (0-50m)	WRSTR50
Steel drum reel 200 (50-100m)	WRSTR100
Steel drum reel 300 (100-150m)	WRSTR150
Steel drum reel 400 (150-200m)	WRSTR200
Steel drum reel 500 (200-250m)	WRSTR250
Wooden reeler	WRWR300
Coiled storage	WRCS



Compliant with:

EN1808:2015
EU Directive 2006/42/EC

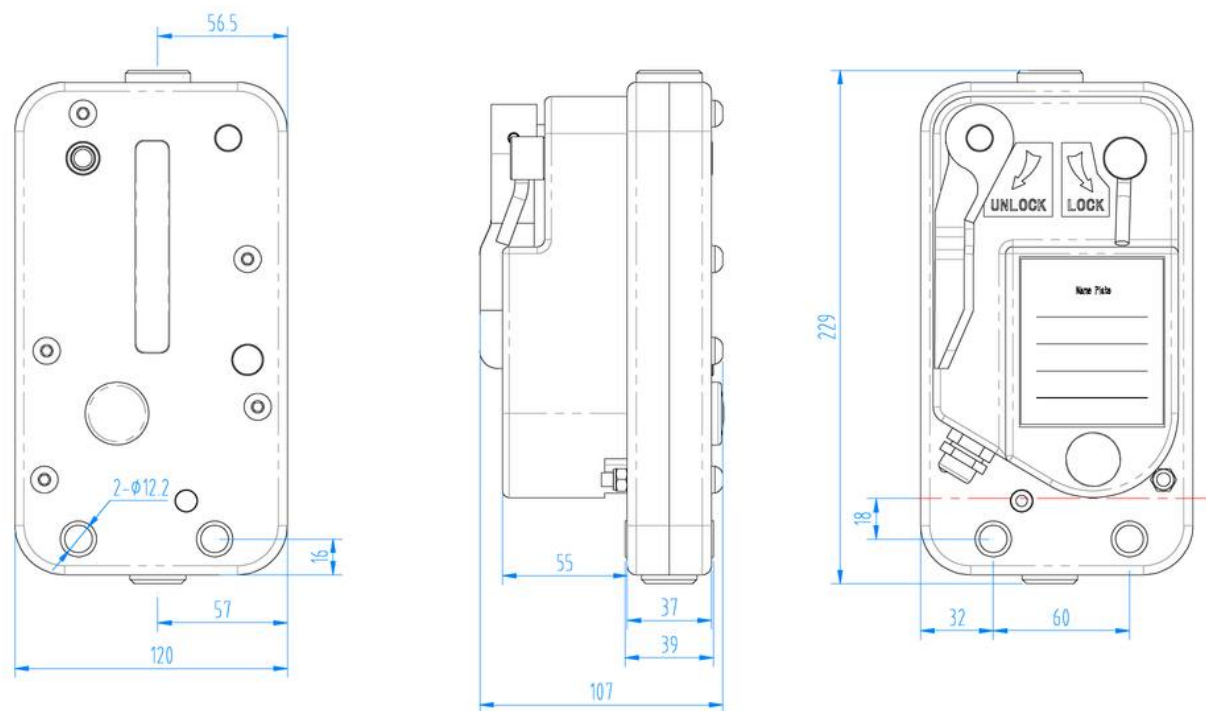
Main features of OSL:

Capacity from 600kg up to 1000kg

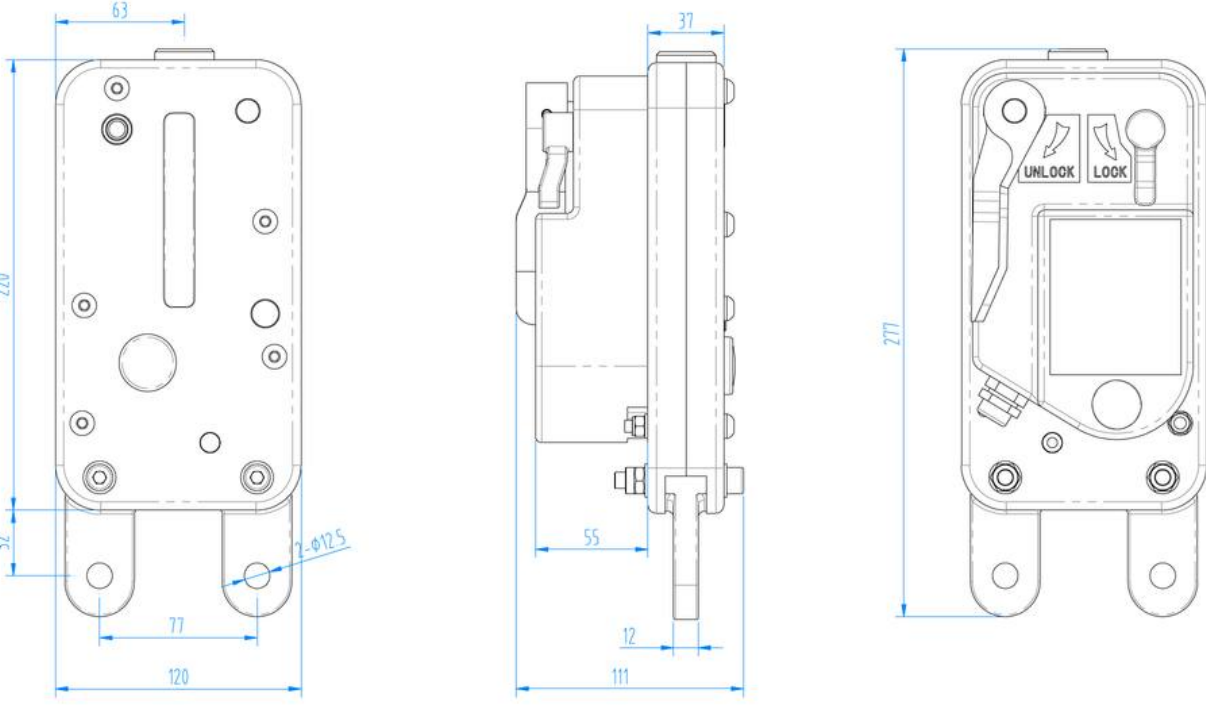
Key Advantages:

- Automatically prevents falls by activating when lowering speed is too high.
- triggers quickly (under 10cm of free fall), ensuring immediate safety response.
- Supports loads from 500kg to 1600kg, catering to a wide range of lifting needs.
- Versatile for various applications, it's ideal for different types of platforms.
- Enhances safety with a hoist-stop signal feature.

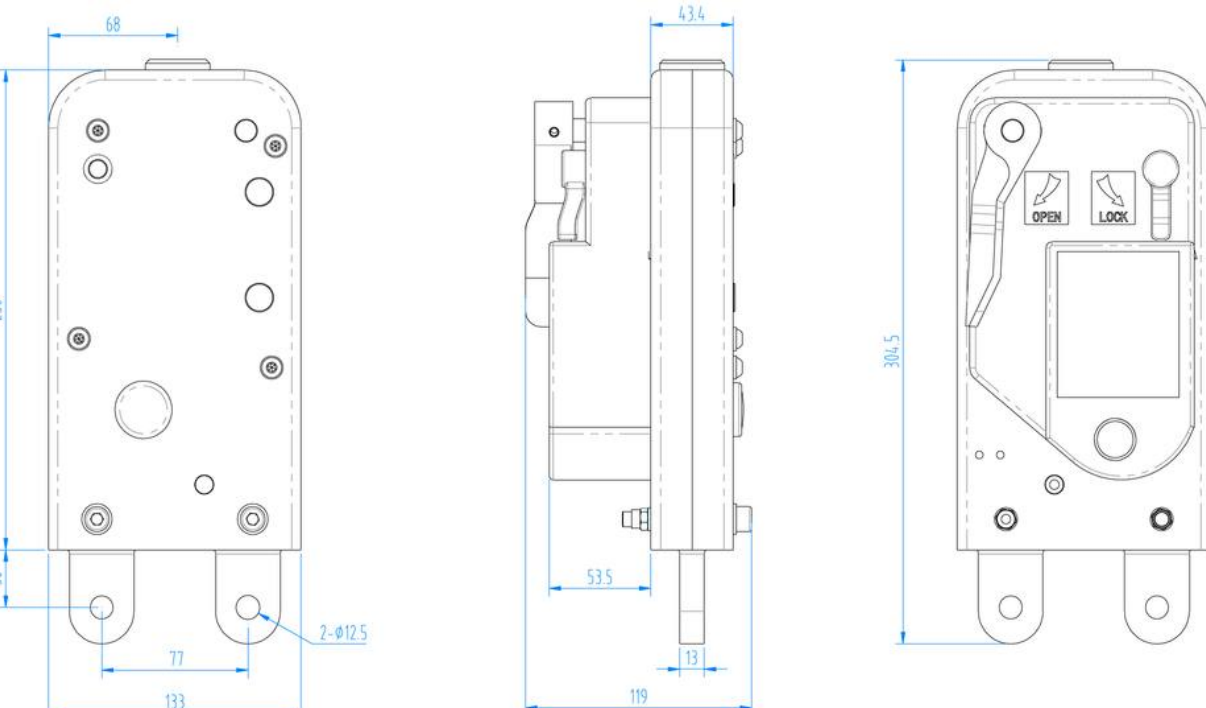
Dimensions:



OSL30 series without adapter



OSL30 series with adapter



OSL50 series with adapter

Manual Release lever

To detach the cable.



Electrical Switch*

Sending a signal when overspeed is detected can be used as a trigger to halt the hoist.



Rope end weight 10kg

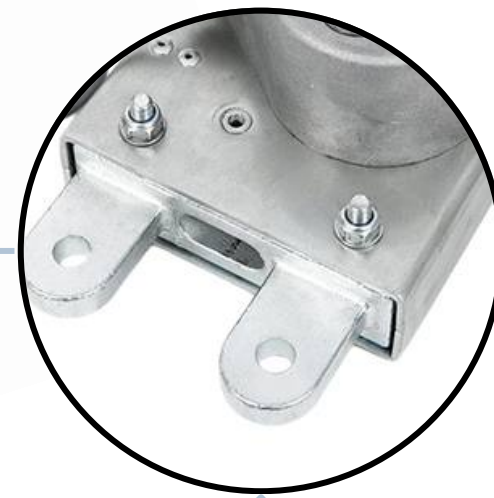
REF: ORW

Manual locker

To manually confirm the proper functionality of the trigger.

Window

To visually confirm the proper functionality of the overspeed disk.



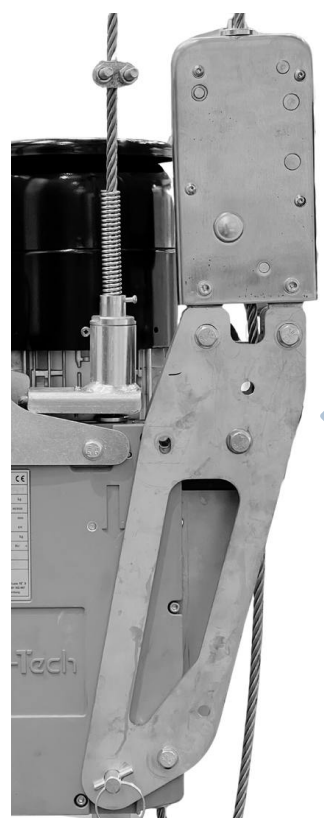
With Adaptor



Without Adaptor

Model	Capacity		Wire rope diameter	Cable Locking Speed	Locking Distance	References			
						With electrical switch + Adaptor (AD)	With Adaptor only (A)	With Electrical switch only (D)	Without Adaptor and without Electrical switch
OSL308	600kg		8,3mm	30-42m/min	≤100mm	O308AD	O308A	O308D	O308
OSL309	800kg		9,1mm			O309AD	O309A	O309D	O309
OSL510	1000kg		10,2mm			O510D	O510	n/a	n/a
OSL510D	1000kg		10,2mm			O510DLN	O510LN	n/a	n/a
OSL512	1600kg		11,5mm			O512D	O512	n/a	n/a

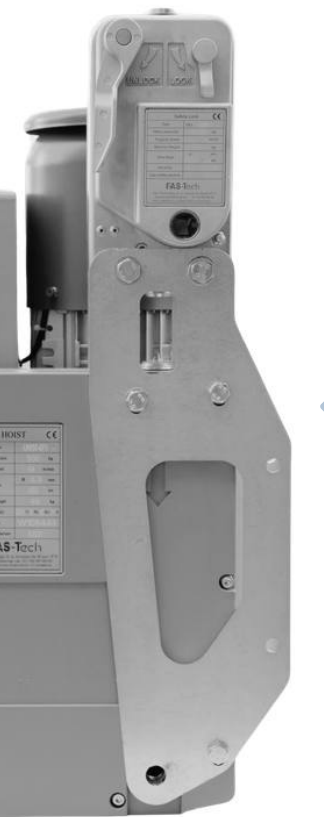
Fixations methods:



OSL Fixation 2 cables

REF: OSLCO1

The OSL fixation is lateral, allowing for two cables: one for the main hoist and another for the safety cable.



OSL Fixation 1 cable

REF: OSLCO2

The OSL attachment is aligned with the primary hoist cable.



OSL Fixation customized

Utilize the hoist's hole adapter to adjust and secure it onto your platform or structure.

Model	Reference
OSL Fixation 1 cable	OSLCO1
OSL Fixation 2 cables	OSLCO2
Rope End Weight	ORW



Compliant with:

EN1808:2015
EU Directive 2006/42/EC

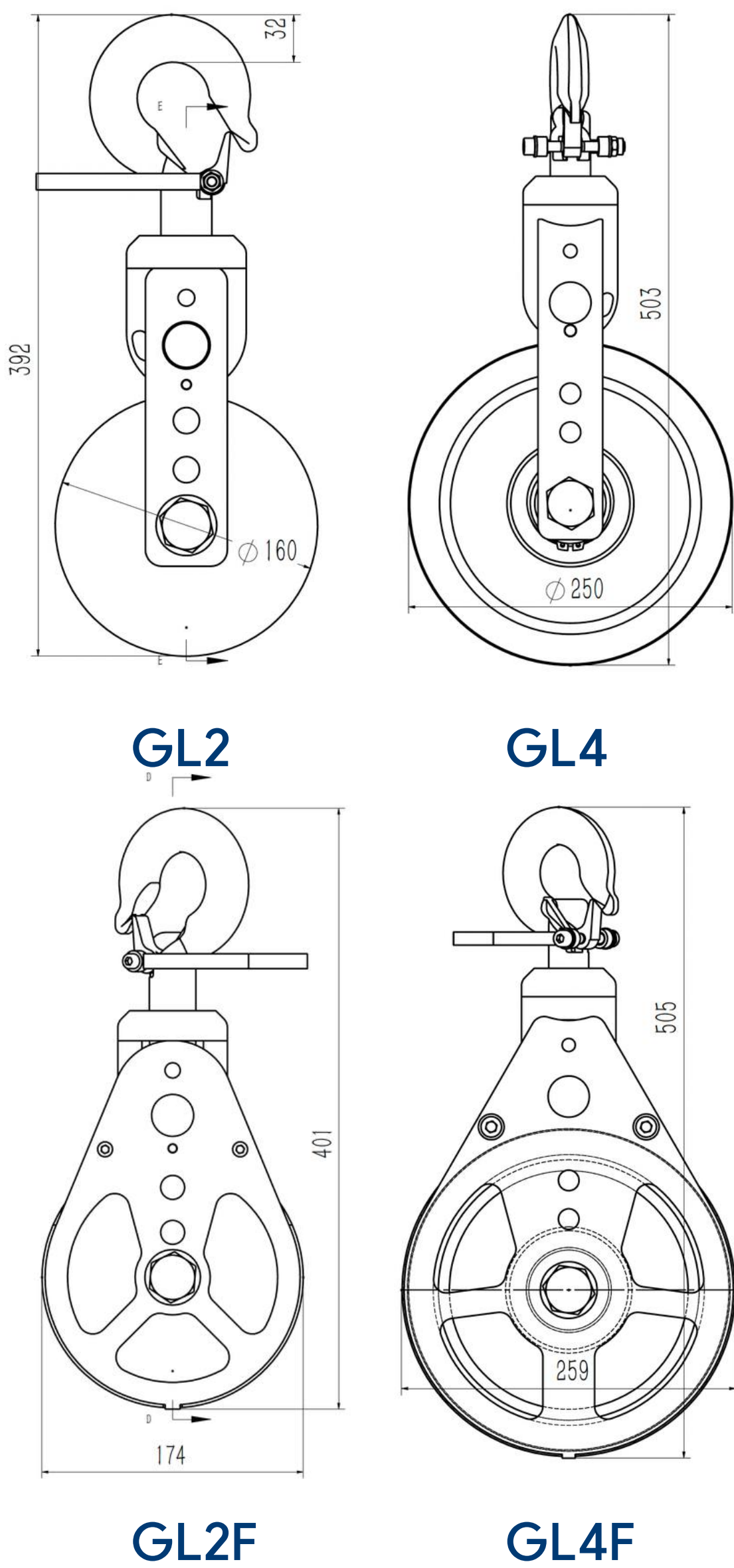
Main features of GLF - Divert Pulleys:

MODELS: GL2; GL2F; GL4; GL4F
Capacity from 2000kg up to 4000kg

Key Advantages:

- The pulley system adjusts to various wire rope sizes for broad use.
- Made with durable, light casting nylon for strength and ease of handling.
- Safety ensured with a spring tongue on the rotating hook to prevent slips.
- Features a lock pin for quick, easy setup and maintenance.
- Smooth wire rope guidance improves efficiency and safety in operations.

Dimensions:



Lock Pin

The hook can be easily detached and installed using a lock pin and pin roll, offering a convenient way to secure the wire rope from the center.

Cross baffle

To prevent wire rope winding or potential danger, avoid excessive rotation within the constraints of cross and vertical baffles.

Pulley

The pulley is crafted from high-strength casting nylon, known for its lightweight and exceptional strength.

Hook

The hook is fitted with a spring tongue to prevent accidental falls after installation.

Sealing plate

To protect operators

Secondary Protective Rope

REF: DPSRA
REF: DPSRWA

Counterweight

REF: DPCW1
REF: DPCW2

Name	Capacity	Wire rope diameter	Type	Reference
Pulley 2t with cover	2000kg	10.2mm	With Cover	DPGL2F
Pulley 2t without cover	2000kg	10.2mm	Without Cover	DPGL2
Pulley 4t with cover	4000kg	14mm	With Cover	DPGL4F
Pulley 4t without cover	4000kg	14mm	Without Cover	DPGL4
Collapsible rod for installation of pulley or hook (1-6M)				DPROD1
Secondary Protective Rope with shock absorber			With Shock Absorber	DPSRA
Secondary Protective Rope without shock absorber			With out Shock Absorber	DPSRWA
Counterweight Pulley		Up To 10.2mm	Steel wire rope balance weight	DPCW1
Counterweight Pulley		Up To 14mm	Steel wire rope balance weight	DPCW2

Collapsible rod for installation of pulley or hook

REF: DPROD1



Compliant with:

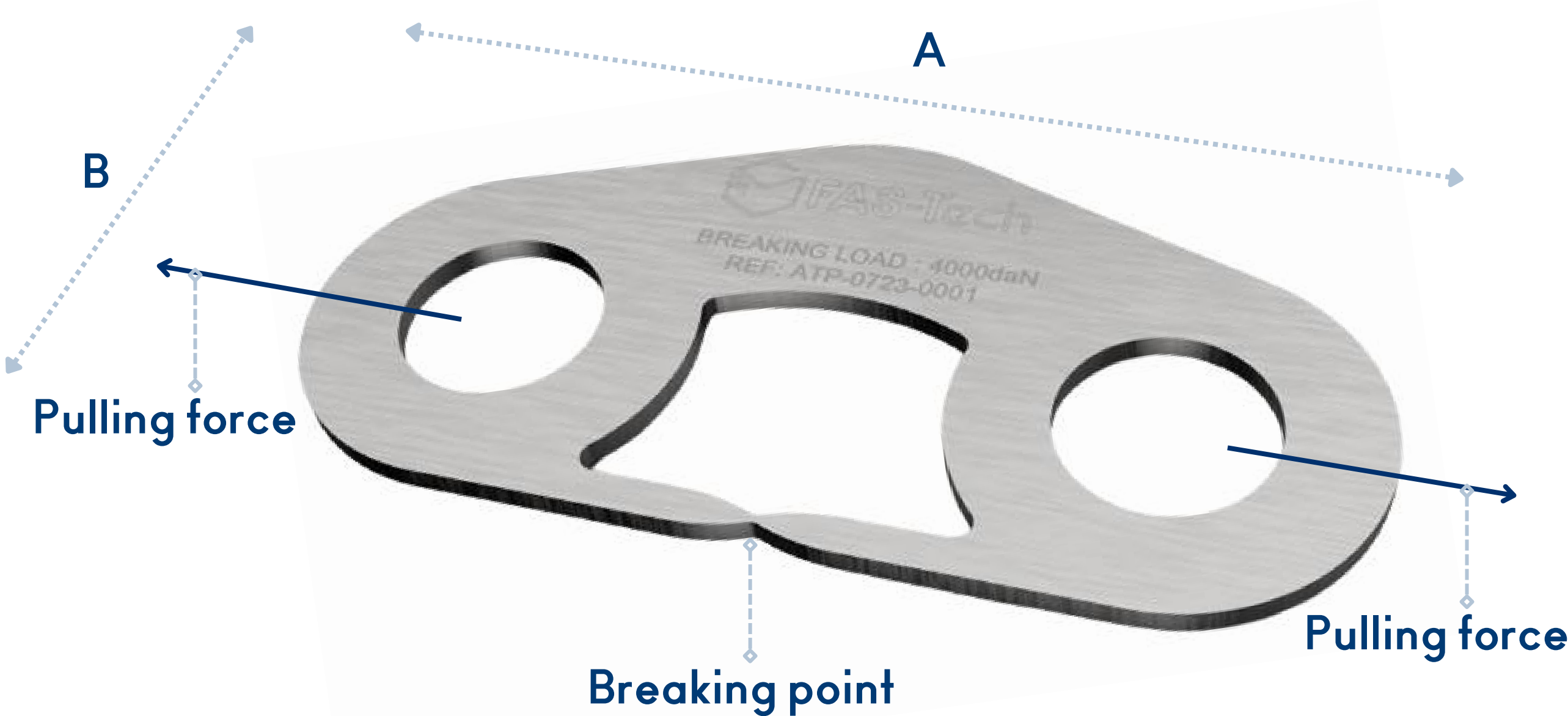
Tested by an independent notified body

Main features of ATP:

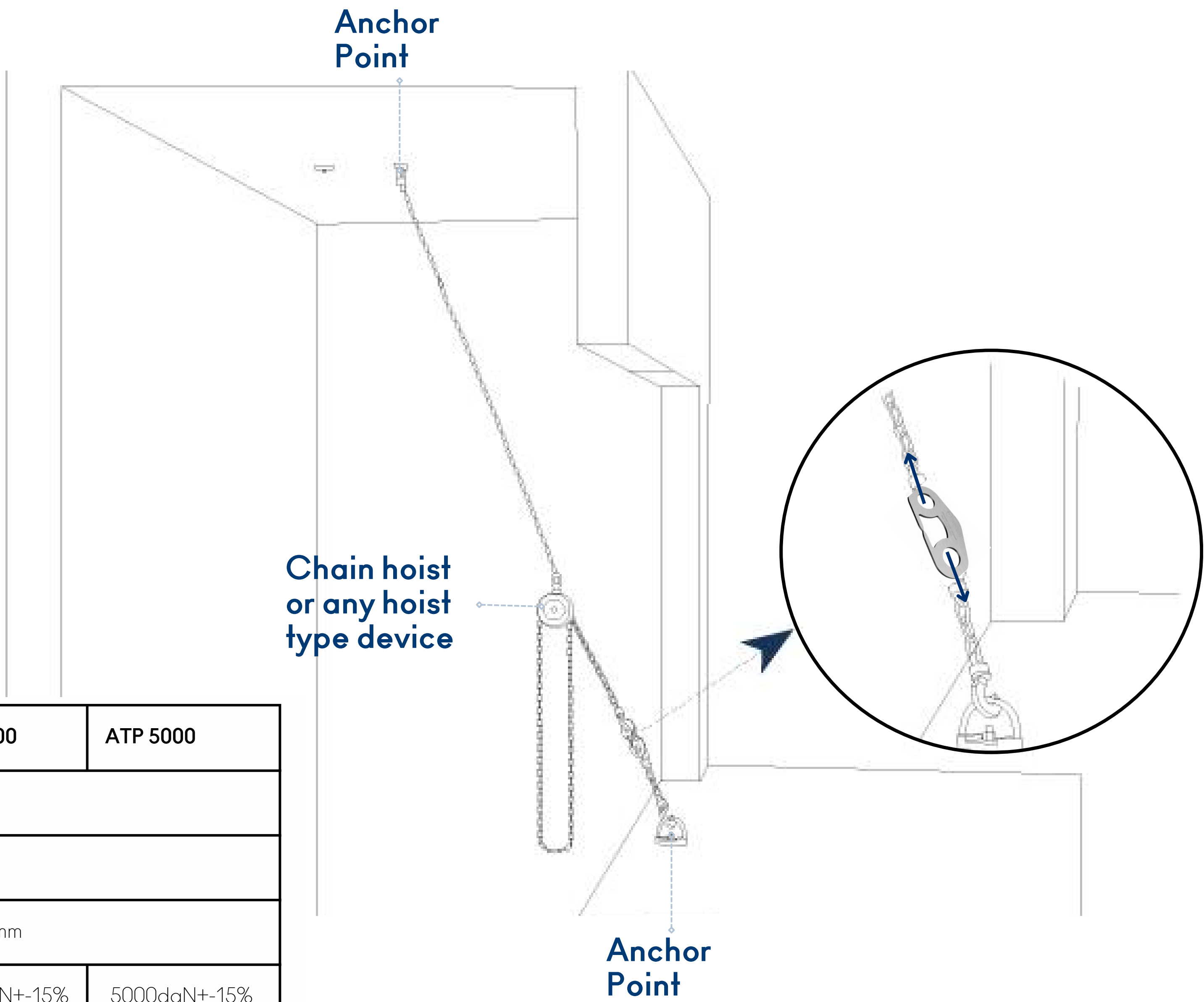
MODELS: ATP500; ATP1000; ATP1500; ATP2000; ATP3000; ATP4000;
Breaking load capacity from 600kg up to 4000kg

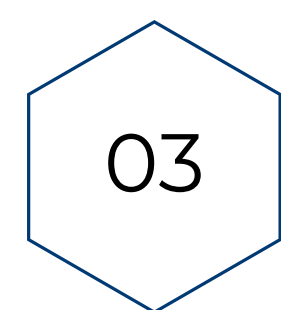
Key Advantages:

- They evaluate the mechanical tensile strength of anchor points.
- Made of INOX 304L steel, they break within +/- 15% of the specified load.
- Their design ensures safe load application during testing.
- Each plate is single-use, providing consistent reliability and precision.
- The ATP Anchor Test Plates serve as a proof of anchor point testing, providing documented evidence for safety reports.



Name	ATP 500	ATP 1000	ATP 1200	ATP 1500	ATP 2000	ATP 3000	ATP 4000	ATP 5000
Dimension A	129mm							
Dimension B	62.7mm							
Thikness	3mm					5mm		
Breaking Load	500daN+-15%	1000daN+-15%	1200daN+-15%	1500daN+-15%	2000daN+-15%	3000daN+-15%	4000daN+-15%	5000daN+-15%
Material	INOX 304L							
Reference per unit	ATP500Q1	ATP1000Q1	ATP1200Q1	ATP1500Q1	ATP2000Q1	ATP3000Q1	ATP4000Q1	ATP5000Q1
Reference pack 20 units	ATP500Q20	ATP1000Q20	ATP1200Q20	ATP1500Q20	ATP2000Q20	ATP3000Q20	ATP4000Q20	ATP5000Q20





PLATFORMS

FALSE CAR

TEMPORARY ELEVATOR
INSTALLATION
PLATFORM





 Compliant with:

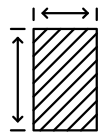
Tested by an independent notified body

 Main features of ATP:

MODELS: FC400A
Capacity 400kg and 1000kg

 Key Advantages:

- Bidirectional Adjustable and Extendable Platform:
Adaptable platform size for quick installation of different track gauges.
- Maximum Load Capacity:
Under the 2:1 mode, it supports a maximum load of up to 1,000 kg.
- Lightweight Design: The all-aluminum platform using the 1:1 process weighs less than 200 kg.
- Modular Installation:
Facilitates easy installation and transportation.
- Enhanced Safety: Equipped with double protection mechanisms, including a safety lock and safety pliers, ensuring construction safety



Technical Parameters

A False Car is a temporary elevator installation platform driven by our UNILIFT hoist and removed before the permanent elevator car is installed. They are available in steel and aluminum for 2:1 and 1:1 construction processes, is a safe and versatile scaffolding-free tool for installing elevator tracks and systems in shafts.

FC Series Type A Platform (Aluminum, 1:1 Process)

Model	Rated Load (kg)	Rated Lifting Speed (m/min)	DBG* Spacing (mm)	Extension Distance (mm)	Platform Self-weight (kg)	Lifting Device	Safety Devices	Applicable Guide Rail
FC400-A20	400	9—18	1200—2000	1500—2000	150	UNI100-10P9	OSL510	(K=16) T89~T127
FC400-A26	400	9—18	1500—2600	1700—3000	170	UNI100-10P18	OSL510	(K=16) T89~T127
FC400-A30	400	9—18	1700—3000	2100—2700	200	UNI100-10P9/18	OSL510	(K=16) T89~T127

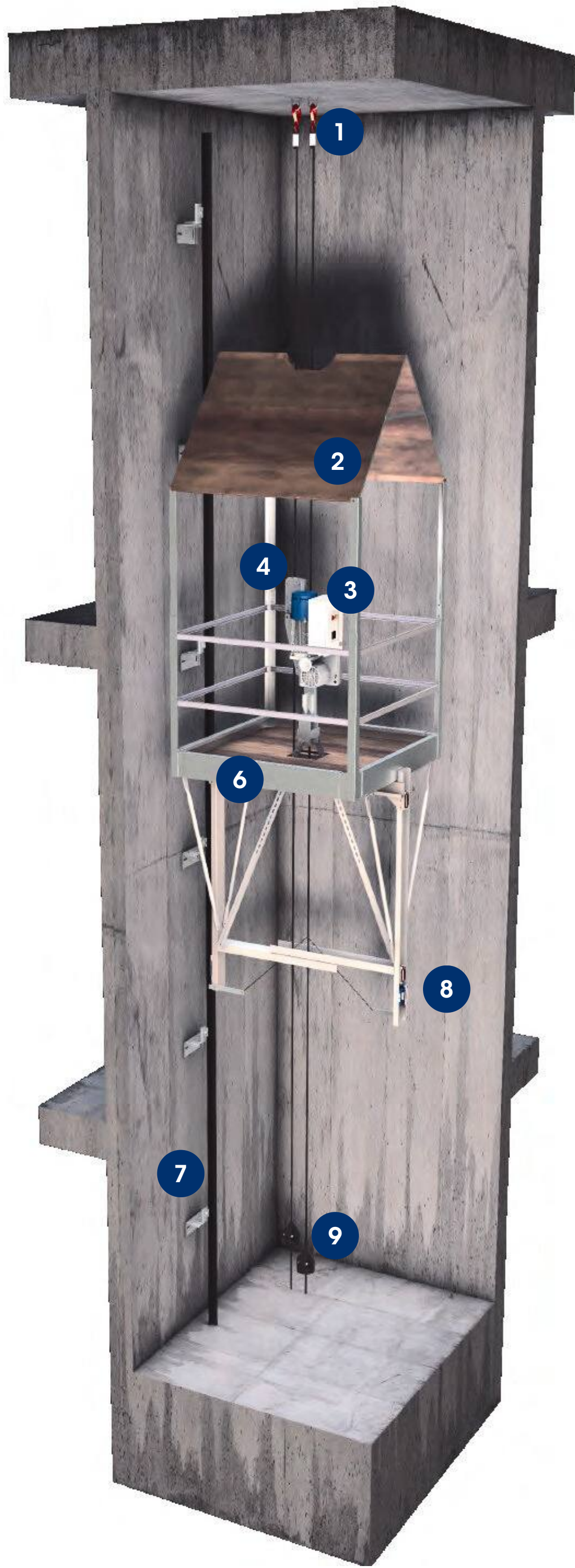
*Based on the performance parameters of the 1:1 process, the main material of the FC series Type A platform is aluminum.
Note: The self-weight excludes the lifting device, steel wire ropes, and power cables.

*distance-between-guides





FC Series Type A Platform (Aluminum, 1:1 Process)



Process 1:1

1. Lifting Hook

- Designed for the 1:1 process.
- The steel wire rope ends should be connected with aluminum riveting or standard wedge sleeves.
- Telescopic rods for easy suspension outside the shaft.

2. Canopy

- Prevents falling objects from high altitude.
- Assembled with wooden boards according to site dimensions.

3. Hoist

- UNI100 multiple-speed modes, optional speeds 9-18m/min.
- Connected through the climber adapter platform.
- Uses Ø 10.2 high-strength steel wire rope.

4. Overspeed Safety Lock

- OSL510 safety lock rated at 1,000 kg.
- Activates when descending more than 30m/min (or 42m/min).
- Uses Ø 10.2 high-strength steel wire rope.

5. Safety Lock Adapter

- OSL510 safety lock integrated with the climber through an adapter.

6. All-Aluminum Work Platform

- Bidirectional adjustment within the gauge range as needed.
- Aluminum protective railings around the platform.
- Wooden floorboard not less than 15mm thick.

DBG Spacing (mm)	Extension Distance (mm)
1200—2000	1500—2000
1500—2600	1500—2000
1700—3000	1500—2000

7. Anti-Derailment Protection System

- Climber control box equipped with an anti-derailment switch.
- Anti-derailment switch component connects to the climber and supports the guide rail laterally.

8. Safety Tong Assembly

- Adjusted to keep the safety gear in the open state before operation.
- Activates automatically if the wire rope is not under force, providing secondary protection.

9. Heavy Hammer

- Two heavy hammers maintain the safety lock and the vertical suspension of the steel wire rope of the climber.





Compliant with:

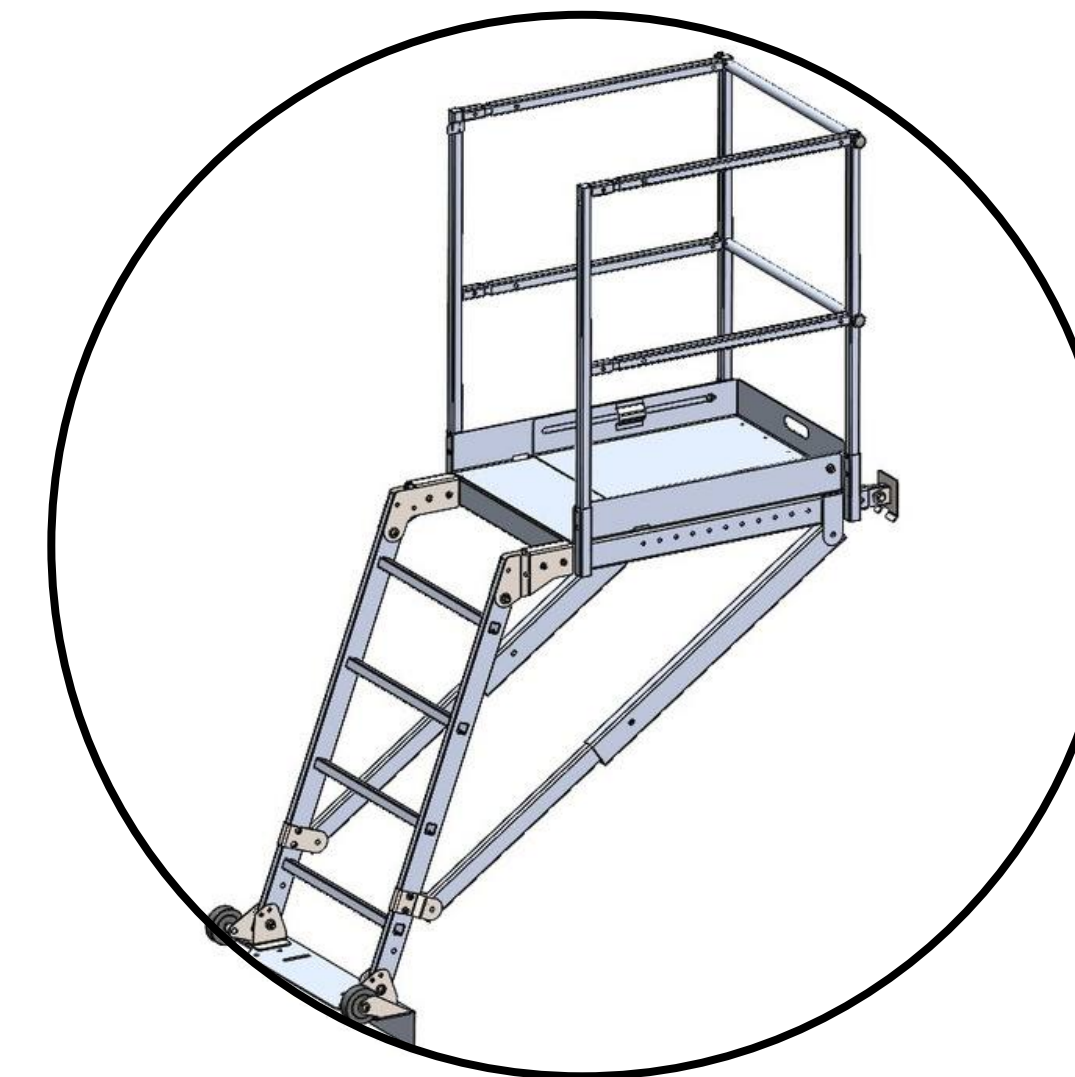
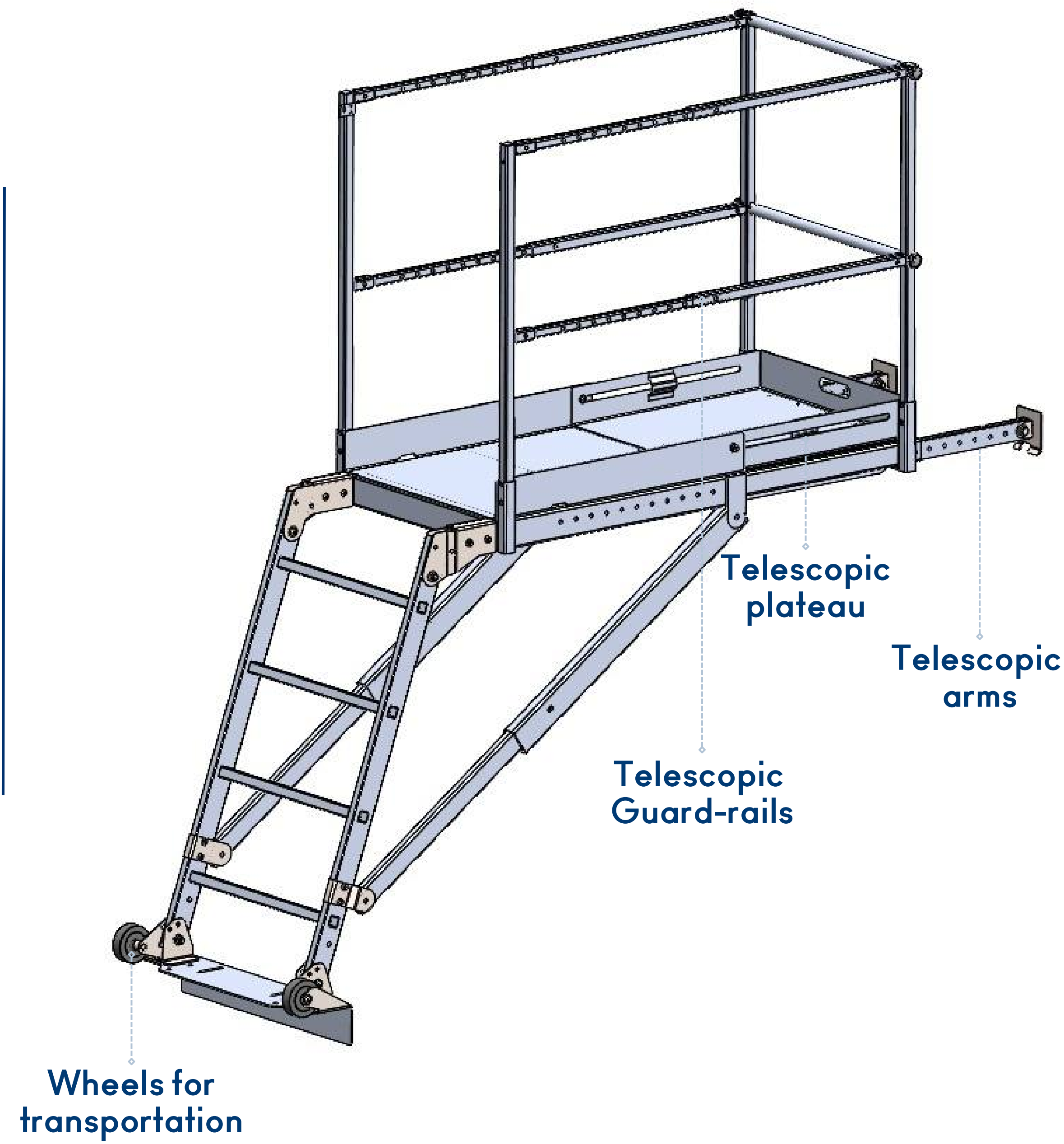
Tested by an independent notified body

Main features of ATP:

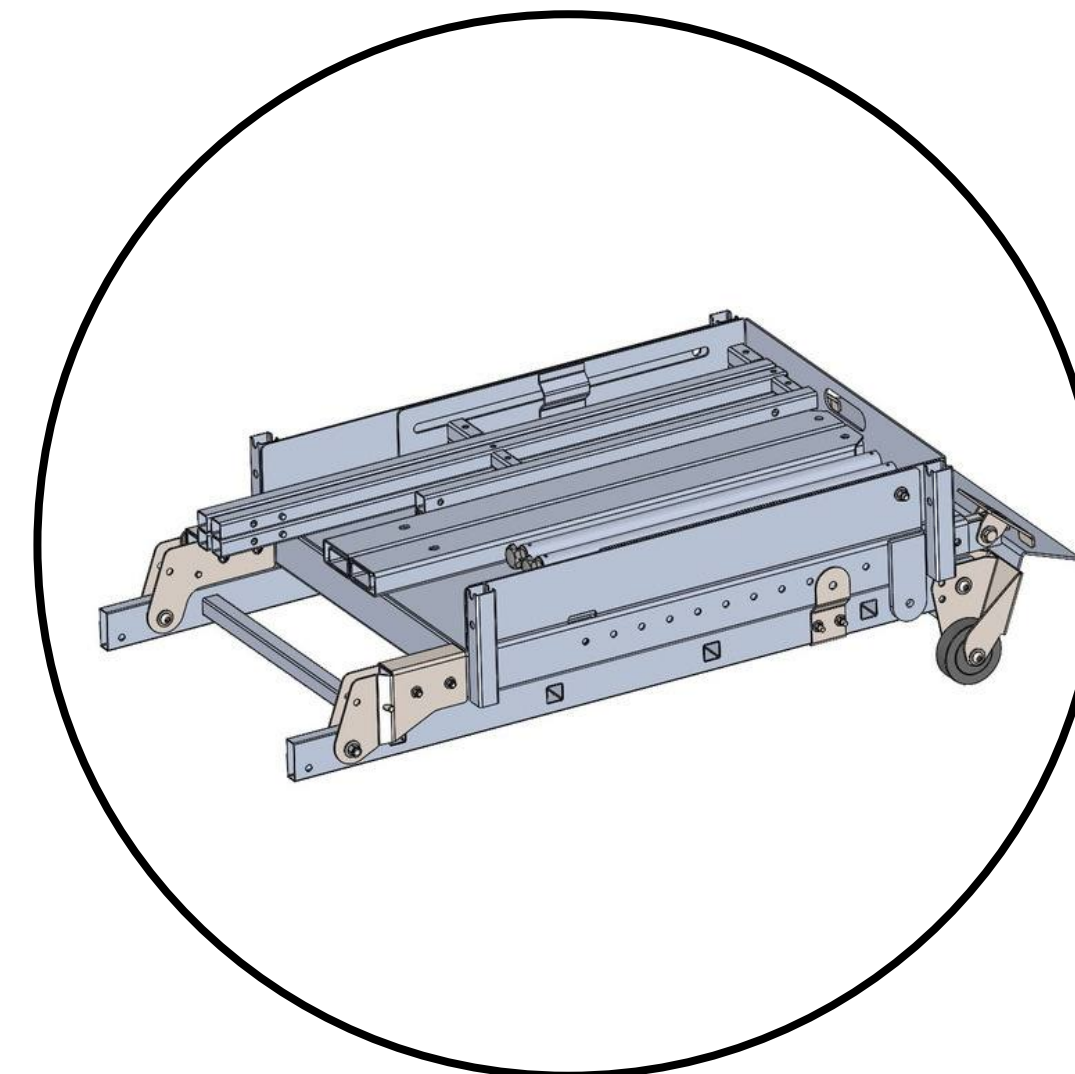
MODELS: EPAP2200
Capacity: Up to 230kg

Key Advantages:

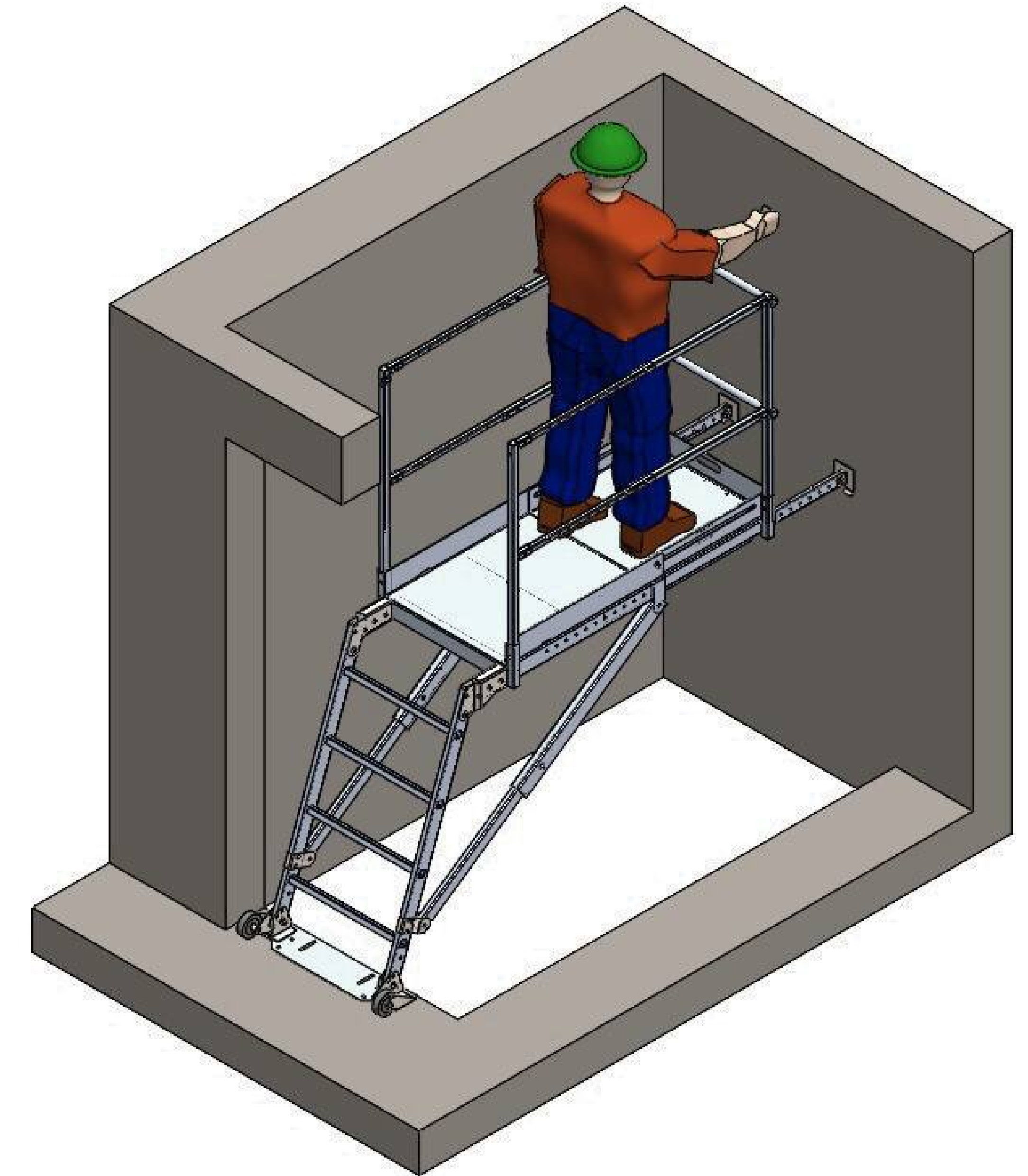
- Telescopic extension up to 2.2 meters for perfect adjustment to different pit sizes.
- Ultra-light and easy to transport with integrated wheels for effortless mobility.
- Certified maximum safety according to EN 131, ensuring full compliance for elevator maintenance work.
- Foldable, detachable, and extendable design for compact storage and fast deployment on-site.



Compact for Transportation



Compact for Transportation



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