

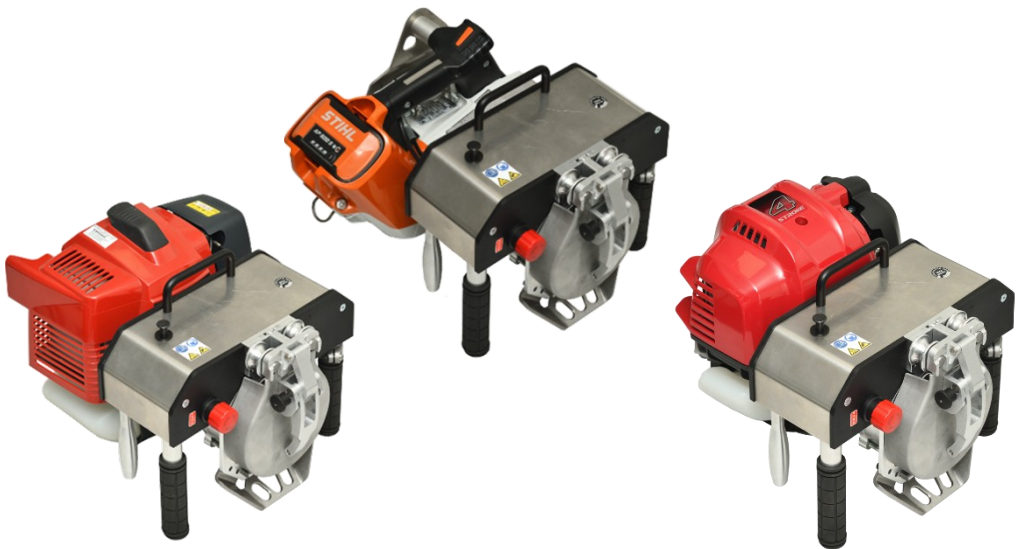
EDER - ASCENDER

EN Climbing aid to drive on a rope - Operating manual

EPC 130-11

EPC 240-11

EPC 240-11-B



Schweigerstraße 6 – 38302 Wolfenbüttel - Germany

EN The original operating instructions were prepared in German.

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About this guide

Validity

These instructions apply to the

EPC 130-11, EPC 240-11 and EPC 240-11-B variants of the EDER - Ascender. For combustion engines, the separate instructions for the respective engine also apply.

The instructions are intended for trained industrial climbers, arborists and height rescuers.

The instructions contain important information on how to safely commission and use the EDER - Ascender, as well as on the risks and dangers involved in using this device.

DANGER

Read and follow the instructions in this manual

This manual contains important information to prevent fire, property damage, injury and death.

Presentation of the warning notes

SIGNAL WORD

Type and source of the danger!

Consequences







- Danger prevention





- The **signal word** indicates the severity of the danger.
- The paragraph "**Type and source of danger**" indicates the type or source of danger.
- The paragraph "**Consequences**" describes the possible consequences of not observing the warning.
- The paragraph "**Danger prevention**" indicates how to avoid the danger. It is imperative that you comply with these measures for averting danger!

The signal words have the following meaning:

Warning word	Meaning
DANGER!	Indicates a hazard that will certainly lead to death or serious injury if you do not avoid the danger.
WARNING!	Indicates a hazard that can lead to death or serious injury if you do not avoid the danger.
CAUTION!	Indicates a hazard that can lead to minor or moderate injury if you do not avoid the danger.
ATTENTION!	Indicates possible damage to property. The environment, material assets or the plant itself can be damaged if you do not avoid the danger.

Symbols used in this manual and on the device

Symbol	Meaning
	If this information is not observed, this can lead to deterioration in the operating process.
	Instruction for action: Describes actions that must be carried out.
 	<p>The operating instructions contain important information for safe operation.</p> <p>Be sure to read them before operating the engine.</p>
 	<p>Exhaust gases contain carbon monoxide, a colourless, odourless and lethal gas.</p> <p>Do not run the engine in a closed room.</p>

Symbol	Meaning
	<p>Petrol is extremely flammable and can explode. Keep away from open flames or other sources of ignition.</p>
	<p>The engine, pulley and brake unit can become very hot during normal operation. Take care not to touch hot parts of the device.</p>
	<p>Warning of danger of being drawn into rotating parts.</p>
	<p>Wear ear protection</p>

Safety instructions

The EDER - Ascender has been manufactured in accordance with the generally recognized rules of technology. Nevertheless, there is a risk of personal injury and damage to property if you do not observe the following basic safety instructions and the warnings preceding instructions in this manual.

- > Read this manual thoroughly and completely before operating the EDER - Ascender.
- > Keep the manual in a legible condition.
- > Make sure that the manual is always accessible to all users.
- > Always pass on the EDER - Ascender to third parties together with this manual.

Intended use

You may only use the EDER - Ascender for the activities described in these instructions. You must always respect the performance limits of the device.

The intended use of the EDER - Ascender is to move along a rope with a planned load while the lower end of the rope is not under tension. A load (persons or material) may only be attached via the eyelet provided.

Another intended use is the movement of loads (persons or material) with the EDER Ascender fixed in place. In this case, the device must be attached using the eyelet provided. The fixation must be carried out in such a way that the device can orient itself in the pulling direction of the load rope.

In the case of passenger transportation, the intended use provides for the use of a safety system consisting of a second rope (DIN EN 1841 Type A) independent of the load rope and an accompanying fall arrester (in accordance with DIN EN 12841 Form A). This must be connected to the harness of the person to be transported as intended. The harness must be a harness in accordance with EN 813. It is recommended to use a complete harness or an additional chest harness.

The EDER - Ascender EPC 130-11 is designed for the transport of one user with equipment and materials if necessary. The EDER - Ascender EPC 130-11 may only be controlled by one person. Total load on the EDER - Ascender EPC 130-11 must not exceed 130 kg.

The EDER - Ascender EPC 240-11 is designed for the transport of one user with equipment and materials if necessary, as well as for carrying one additional person, e.g. in rescue operations. The EDER - Ascender EPC 240-11 may only be controlled by one person. Total load on the EDER - Ascender EPC 240-11 must not exceed 240 kg.

The EDER - Ascender EPC 240-11 B is designed for the transport of one user with equipment and materials if necessary, as well as for carrying one additional person, e.g. in rescue operations. The EDER - Ascender EPC 240-11 B may only be controlled by one person. Total load on the EDER - Ascender EPC 240-11 B must not exceed 240 kg.

For the EDER - Ascender, only ropes approved by EDER Maschinenbau GmbH may be used. These are ropes in accordance with EN 1891 type A, which have been tested and certified by a notified body for use with the device. Other rope types can lead to increased wear, spinning or tearing. The following ropes are currently approved: Teufelberger Patron Plus 11 mm, BEAL Industrie 11 mm and Edelrid Static Low Stretch 11 mm and Edelrid Interstatic Protect 11 mm.

When used for transporting persons, with the device and the operator at a fixed point above the person to be transported, there must be a secure

and permanent visual and voice contact between the person to be transported and the operator.

Intended use also implies that you have read and understood this manual in its entirety and in particular the chapter "Safety instructions".

Improper use

Unauthorized use poses a particular risk to the machine and persons. Use of the EDER - Ascender is not permitted if you:

- removing or modifying safety devices,
- using the EDER - Ascender in any other way than described in the chapter "Intended use",
- performing cleaning, maintenance and repair measures other than those listed in the chapters Cleaning and Maintenance,
- suspend loads at other points on the device than intended,
- use ropes other than those approved for use with the device,
- Fix the device in such a way that the rope does not run naturally,
- using the device under operating conditions that differ from those described in this manual.

The EDER - Ascender is not suitable for EEX protected areas. If the device is nevertheless to be used in an EEX protected area, a risk assessment must be carried out by the operator.

If the device is not used as intended, all warranty claims will become void.

The manufacturer is not liable for damage to the device and for personal injury resulting from improper use.

Qualification of the personnel

The EDER - Ascender may only be used by persons

- who have familiarised themselves with the device and the associated dangers on the basis of these instructions.
- who can demonstrate appropriate training for vertical movement on a rope in the area of working at height or height rescue. (The user must be able to operate the safety system as well as to ascend and descend independently. *)

*Comparable with IRATA Level 1, SZP Level 1, SKT advanced training level A, SRHT Level 1 etc.

Persons who use the EDER - Ascender must not be under the influence of alcohol, other drugs or medicines that affect their ability to react, nor must they be tired, ill or irritable.

Persons under 18 years of age must not operate the device. However, it is permissible to assign such activities to persons over 16 years of age, provided that this is necessary to achieve a training objective and that protection is guaranteed by the supervision of an expert.

Points to observe

General safety instructions

- > Always follow the instructions in this manual to avoid hazards and prevent damage.
- > Observe the relevant accident prevention regulations and other generally recognised safety and occupational health rules.
- > Only carry out maintenance and cleaning work and transport the device with the engine switched off.
- > Operate the device exclusively with the protective equipment fitted or provided by the manufacturer.
- > If you have long hair, wear a hairnet when working with the device.
- > Do not smoke while refuelling or while working with the device.
- > It is imperative that the instructions for use of all equipment used are followed.

Safety instructions for the workplace

- > Do not use the EDER - Ascender in an explosive environment.
- > Ensure adequate lighting at the workplace.
- > Only use the EDER - Ascender with combustion engine in well-ventilated environments and not in closed rooms. Exhaust fumes contain toxic carbon monoxide.
- > Do not leave the device permanently in the rain.
- > Make sure that neither the rope nor the **personal protection equipment** rubs against rough materials or sharp edges or objects.
- > Only use the device in good weather conditions. Do not use the EDER - Ascender in strong wind (over 12 m/s), heavy rain, poor visibility or thunderstorms.

Behaviour in an emergency

If, for example, malfunctions or dangerous situations pose an immediate risk of injury to persons or damage to the device:

- > Switch off the EDER - Ascender.
- > Only release yourself from the EDER - Ascender when you are secured through another belay system.
- > Have the malfunctions eliminated by an authorised specialist dealer.

WARNING

Hanging motionless in a harness can cause suspension trauma, resulting in serious injury or death.

Safety devices

The EDER - Ascender may only be used with the protective and safety equipment (e.g. cover) provided for the intended use. Protective and safety equipment must never be disabled and must be cleaned if necessary.

Personal protective equipment

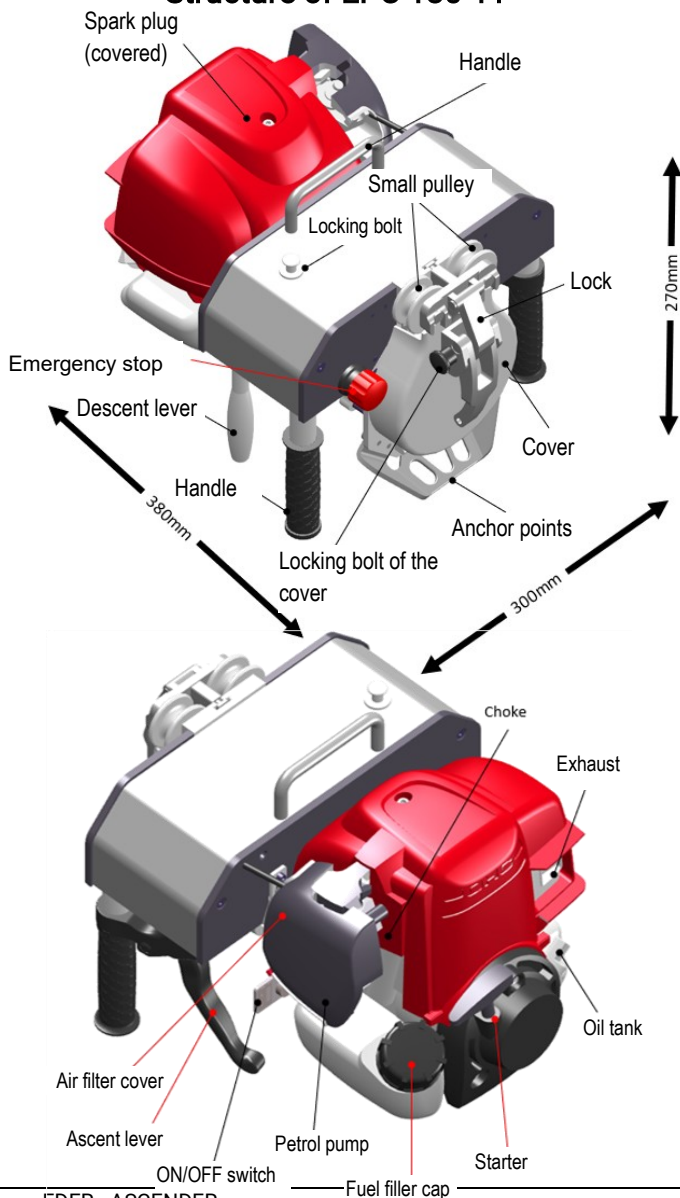
- > Always wear the following personal protective equipment when operating the device:
 - Tight-fitting clothing, a hair net if necessary
 - Helmet
 - Hearing protection
 - Safety system consisting of an accompanying fall arrester in accordance with DIN EN 12841 Form A and a rope independent of the load rope in accordance with DIN EN 1891 Type A.
 - Harness according to EN 813 with corresponding carabiners

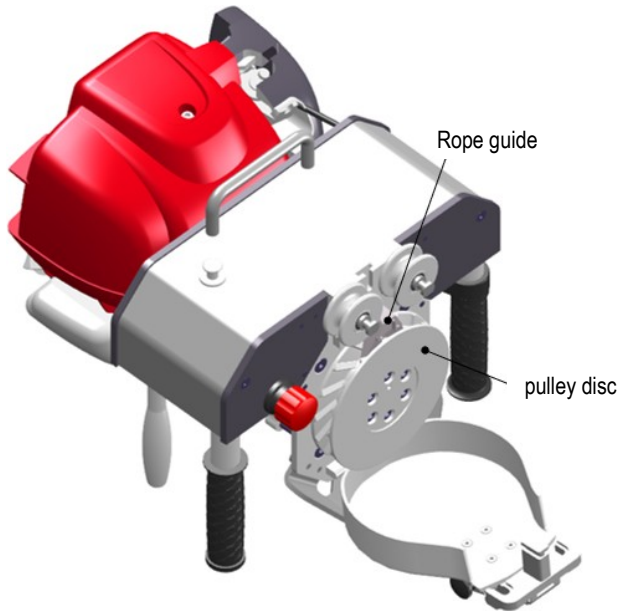


The personal protective equipment must comply with the applicable accident prevention regulations. Additional protective equipment may be necessary due to the activities to be carried out.

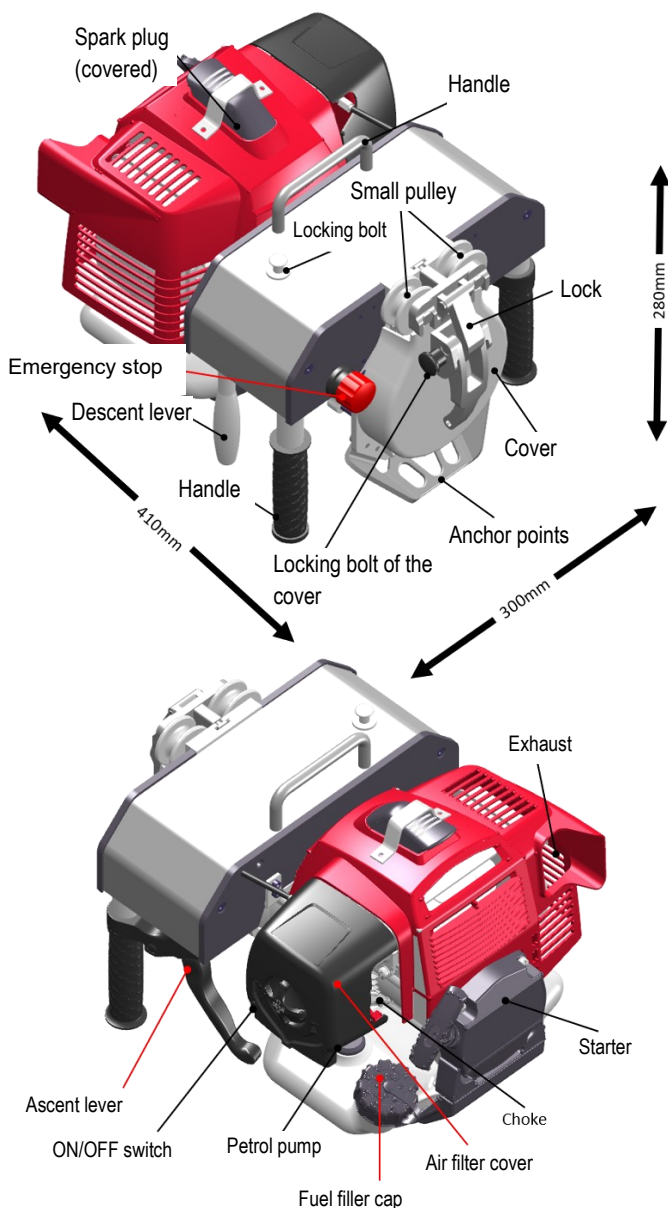
Design and function

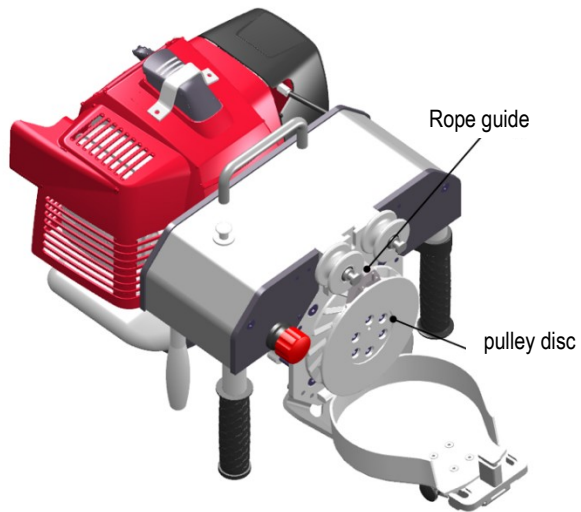
Structure of EPC 130-11



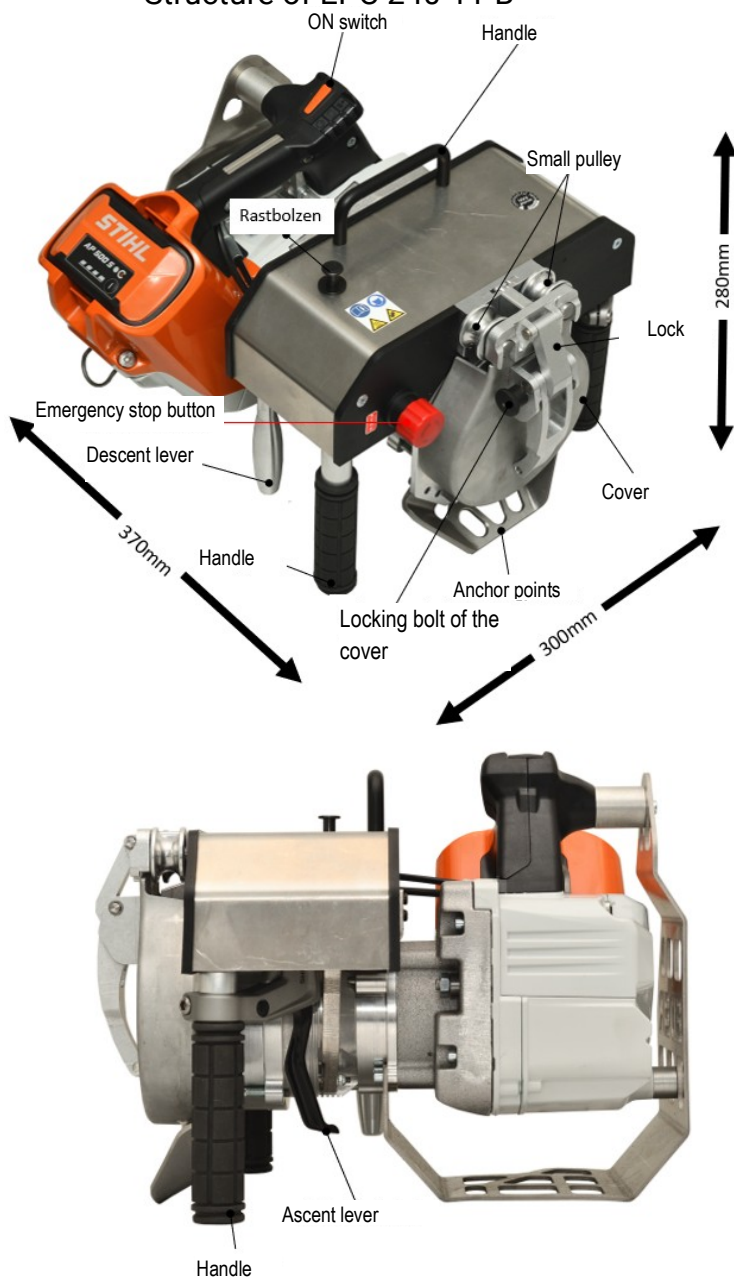


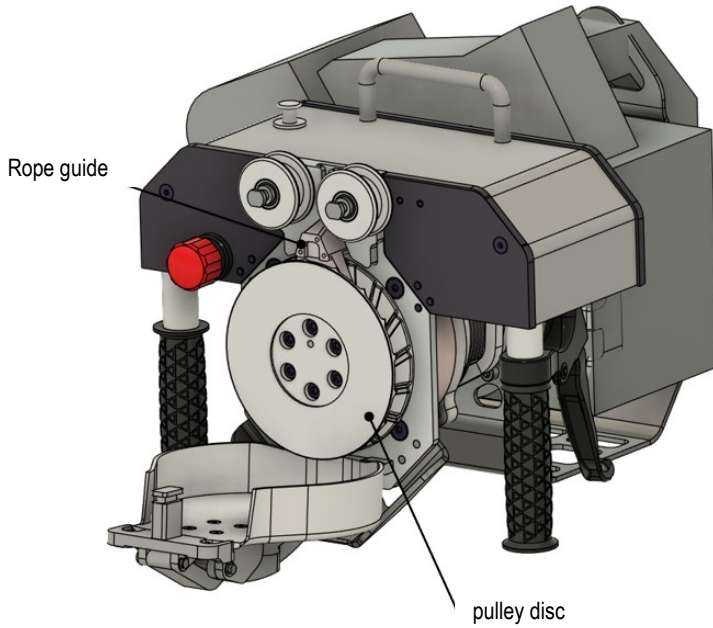
Structure of EPC 240-11





Structure of EPC 240-11-B





Transport and storage

CAUTION

Hot components

The combustion engine becomes hot during operation. Take care not to touch the combustion engine (especially the exhaust system) during transportation while it is hot. Avoid contact between flammable materials and hot components.

ATTENTION

Danger from leaking fuel!

If the fuel tank inlet is not properly closed, fuel may leak and pollute the environment.

- > Before transportation, check whether the fuel tank inlet is correctly closed.
- > When transporting the device on vehicles, secure it against tipping over.

Special features of the battery version

Store the device in a clean and dry place in a temperature range between -10°C and +50 °C. Remove the battery from the battery compartment for transportation and storage. Transport the battery in electrically non-conductive packaging.

Commissioning and operation

Before starting the EDER - Ascender, make sure that the working conditions are safe. Check that

- > the ropes or other equipment do not show any damage or excessive wear, otherwise replace the equipment accordingly.
- > the last maintenance of the EDER - Ascender took place less than one year ago.
- > the handles are clean and dry
- > both the fuel tank and the device are located outside of flammable environments. Note that closed, empty fuel tanks may contain explosive vapours.

Inserting the rope

WARNING

Rope type

Only ropes approved by EDER Maschinenbau GmbH may be used for the EDER-Ascender. These are ropes in accordance with EN 1891 type A, which have been tested and certified by a notified body for use with the device. Other rope types can lead to increased wear, twisting or tearing.

Damage to the rope

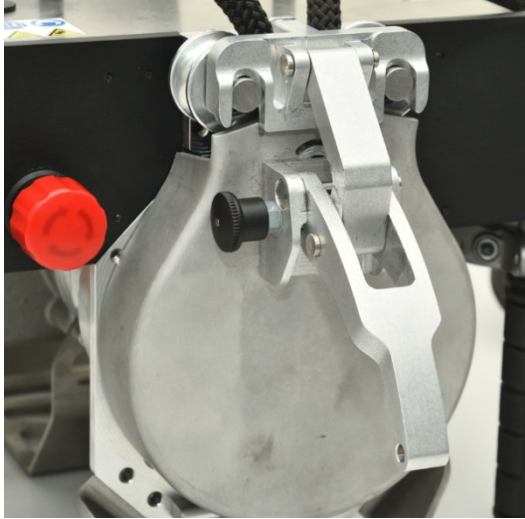
Wear on the rope is normal. However, if the sheath is damaged, the rope must be replaced immediately. The rope must also not show any traces of chemicals or paint.

Check the rope for possible damage before each use. The rope must be in such a condition that other devices (rope clamps etc.) can function properly with the rope.

Rope end knot

Make sure that the rope has a suitable rope end knot so that you cannot go over the end of the rope when descending. The rope end knot must be larger than the rope guide.

- > Ensure that the climbing rope is securely anchored
- > Pull out the safety bolt on the cover and fold the locking lever upwards



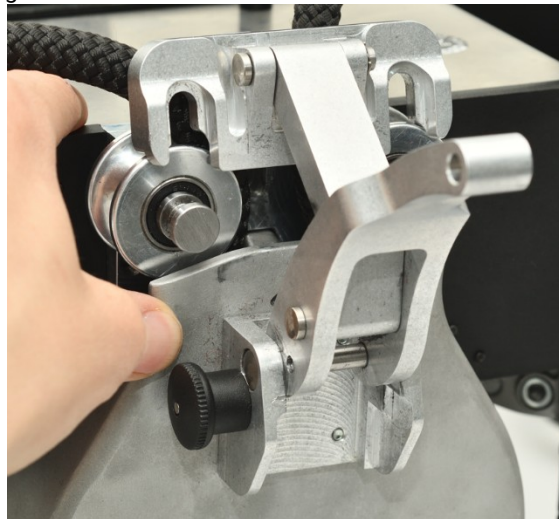
- > Pull the upper cable guide upwards



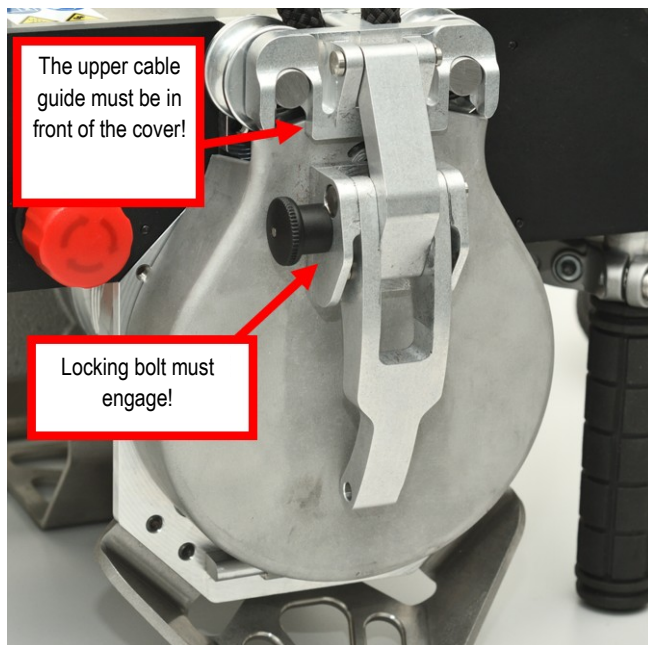
- > Fold the cover forwards and insert the rope into the pulleys



- > Close the cover again and then insert the upper cable guide into the groove.



- > Press the locking lever down again. It is important that the cover is in contact and that the upper cable guide is pushed in front of the upper edge of the cover. Only then can the locking lever be fully closed. To close the locking lever, the safety pin must be pulled out. The appliance may only be used once the pin has clicked into place.



CAUTION

Reaching into the rope entry area

Reaching into the rope entry area can cause injury.

Make sure that the cover is closed and do not reach into the rope entry area. (The area on the rope pulleys, especially the area where the rope runs into and out of the machine)

Closing the cover

The cover guides the rope around the rope sheave and prevents the rope from slipping and thus being damaged by the pulley. Ensure that the cover is correctly engaged (locking pin must be retracted).

Damage to the pulley

A dirty or sandy rope increases the friction between the pulley and the rope, resulting in increased wear or damage to the pulley discs and the rope. Replace the pulley discs if they are visibly worn.

Removing the battery

Avoid removing the battery when you are hanging on the rope. It is heavy and can slip out of your hand if the battery compartment is difficult to access.

Assembly and use

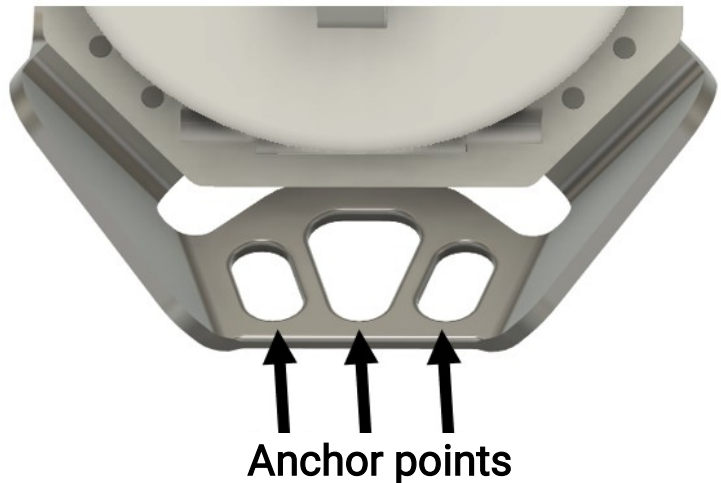
Check the functional interaction of your equipment elements with this device. The equipment used must comply with the standard applicable in your country.

Observe the applicable work safety regulations, directives on industrial safety and health, and legislation in your country.

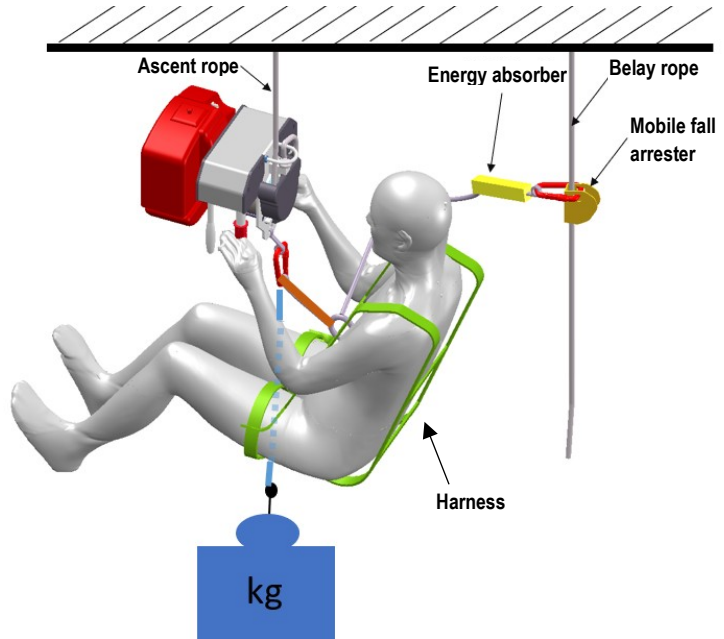
The EDER-Ascender doesn't replace a safety system.

The possible configurations for using the EDER - Ascender are shown below. Before ascending or descending with the device, familiarise yourself with the local situation and check whether it is possible to set it up and use it in accordance with the applicable safety standards.

Loads may only be attached to the appliance at the anchor points provided. These are located on the front of the appliance. When attaching different loads, avoid uneven application of force.

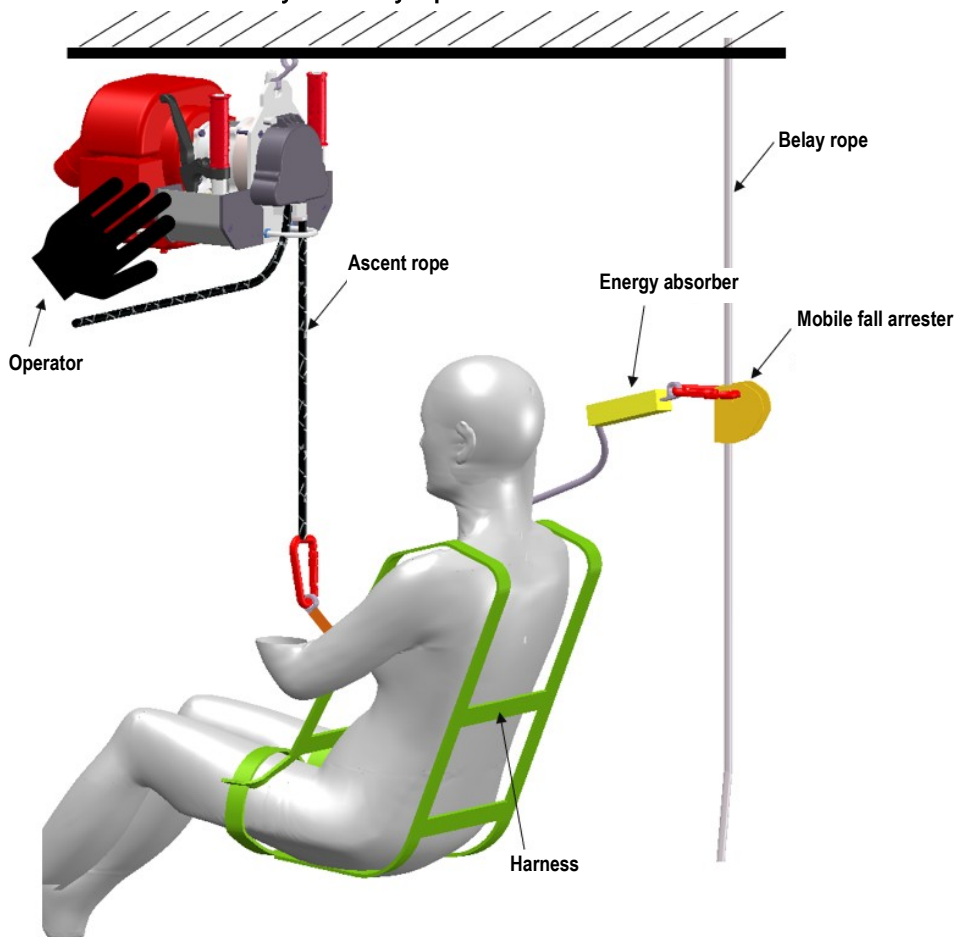


Assembly with belay rope and additional load if necessary



Belay rope type A according to EN 1891 - Observe the operating instructions of the mobile fall arrester and the maximum permissible weight for the energy absorber used. Additional weight can be carried if required.

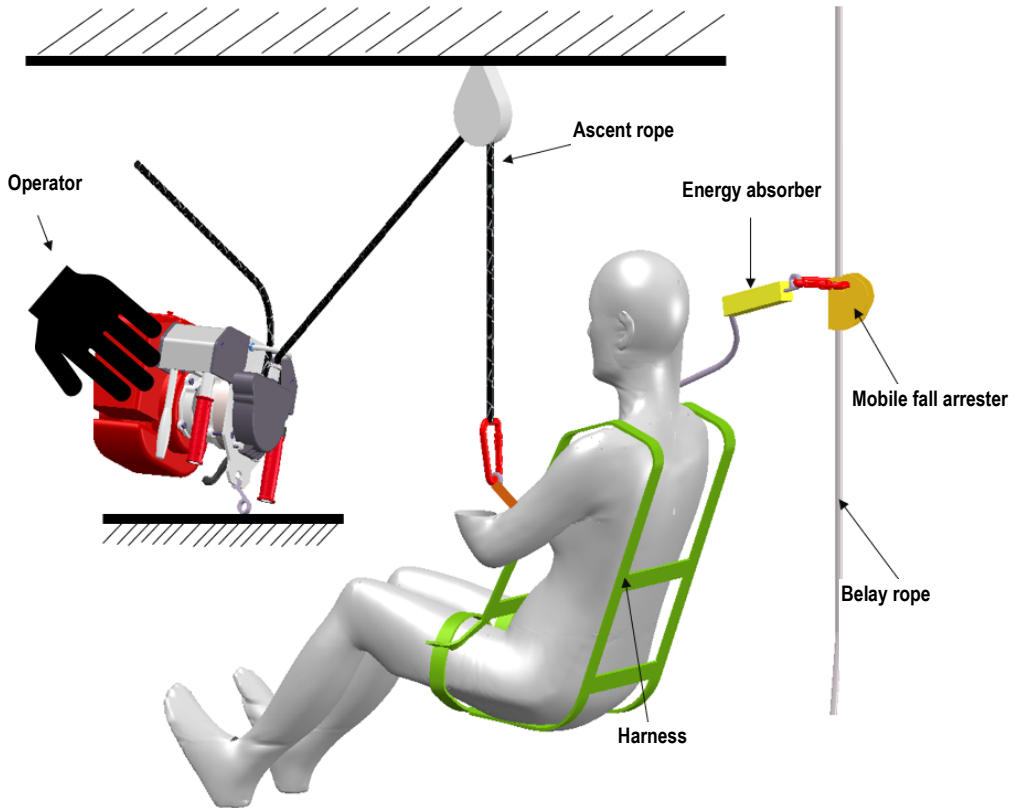
Assembly with belay rope - active



Belay rope type A according to EN 1891 - Observe the operating instructions of the mobile fall arrester and the maximum permissible weight for the energy absorber used.

Visual contact and communication must be possible at all times.

Assembly with belay rope - active

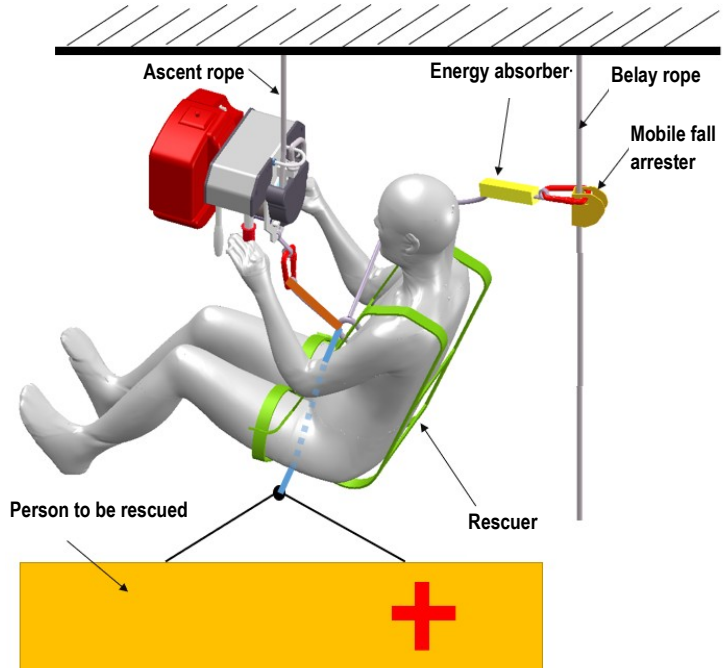


Belay rope type A according to EN 1891 - Observe the operating instructions of the mobile fall arrester and the maximum permissible weight for the energy absorber used.

Visual contact and communication must be possible at all times.

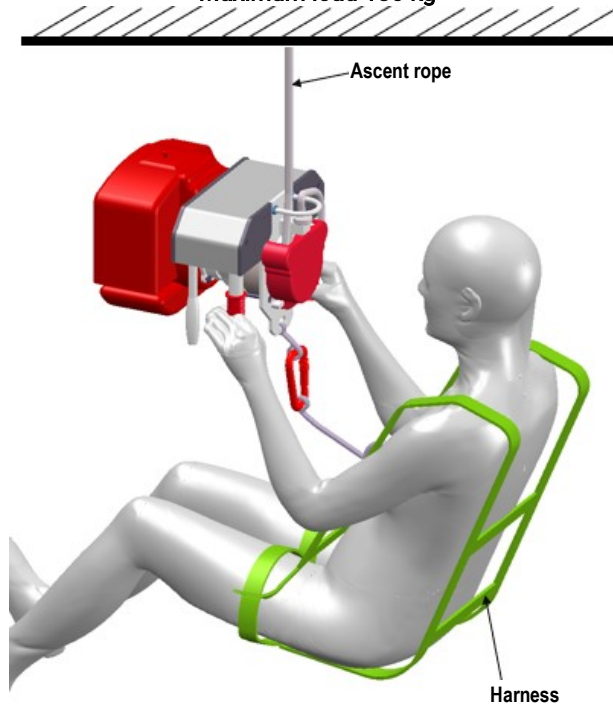
Ensure that a suitable pulley is used.

Rescue assembly - only permitted for models EPC 240-11 and EPC 240-11-B



Belay rope type A according to EN 1891 - Observe the operating instructions for the mobile fall arrester and the energy absorber, as well as the maximum permissible weight.

Construction as a single-rope system for SKT (tree climbing)
Maximum load 130 kg



The single-rope system is only approved in the SKT area, i.e. in situations that refer to point 3.4.2 of the Industrial Safety Regulation (e.g. tree climbing). The maximum permissible weight for the single-rope system is 130 kg.

Before using the system, check whether your country's industrial safety regulations or the applicable laws and regulations permit a single-rope system.

Use of the EDER Ascender without a second safety device is always at your own risk and Eder Maschinenbau GmbH accepts no liability in this case.

WARNING

Additional rope inspection and frequent replacement

If no additional safety rope is used, more attention must be paid to the ascent rope:

- > Check the rope as carefully as possible for dirt and heavy abrasion before each use. Replace the rope as soon as it becomes slightly worn.
- > If the rope slips, i.e. only the pulleys rotate but the device does not move up the rope, the motor must be switched off immediately

If the rope slips, it will wear out within a few seconds and cause severe damage or breakage of the rope.



Increased load on the anchorage point

Due to a fast start-up and the increased total weight of the equipment, an increased load on the attachment point is to be expected.

Lifting operations

When lifting loads, follow the current work safety regulations in your country.

Basic safety rules when lifting are:

- > Staying under suspended loads is prohibited
- > Keep your distance from the load
- > Do not pull at an angle to the load
- > Always keep an eye on the load
- > Make sure that communication is ensured
- > The maximum permissible load (240kg) must not be exceeded.

EPC 130- 11: 130kg

EPC 240- 11: 240kg

EPC 240-11 B: 240 kg

Operating the engine/motor

Variants with combustion engine drive

See the separate instruction manual for the engine.

Starting the battery drive

Press the ON switch on the unit. The LED lights up continuously to indicate that the motor is ready for operation.

Stopping/switching off the battery drive

The motor can be stopped during operation using the emergency stop button. The motor can only be restarted after the emergency stop button has been reset by turning it. Removing the battery also switches off the motor.

Operation

To climb the rope, the operator hooks into the EDER - Ascender's carabiner loop with his carabiner on the climbing harness or with a webbing sling.

WARNING

Independent belay system

The EDER - Ascender is only an ascent/descent aid. You must be connected to a belay system at all times. For this, use a mobile fall arrester. We recommend the Petzl ASAP LOCK.

Follow the operating instructions for the mobile fall arrester.

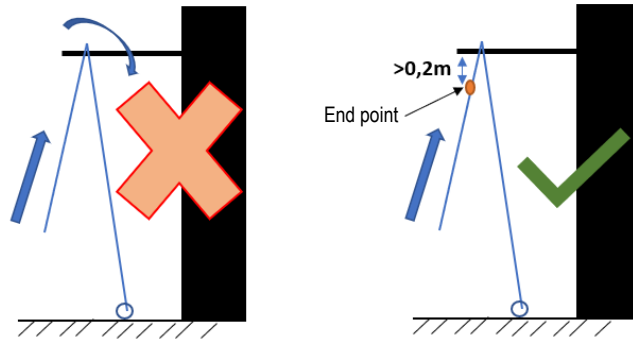
By pressing the ascent lever, the engine is accelerated and the EDER - Ascender moves upwards on the rope. To stop, release the lever again. Be careful not to accelerate too much.

To descend, operate the descent lever and the EDER - Ascender moves downwards on the rope.

- > Make sure that the unloaded rope can run away downwards at any time.

Before each use, check that the device can move up and down freely on the rope and cannot be blocked by knots or obstacles.

Make sure that the anchor point for both the ascent rope and the belay rope is sufficiently firm. Make sure that the device cannot drive over the anchor point (e.g. a branch) in any situation. Set an end point (knot or rope clamp) if necessary.



Before each use, check the function of the brake by moving up and down one metre.

- > If the device cannot hold the weight when stationary, it must not be used and must be sent in for inspection.
- > If the device does not descend despite operating the descent lever, it must not be used and must be sent in for inspection.

WARNING

Rope slipping

- > Should the rope slip and not be conveyed by the rope sheave, stop accelerating!
- > Switch off the motor and stop the climbing process immediately. Replace the rope.

WARNING

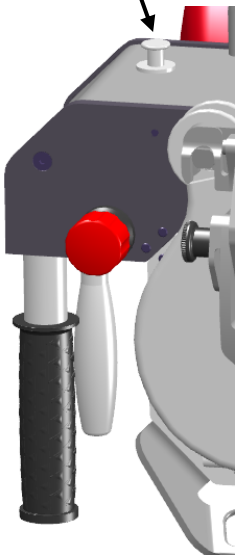
The rope will wear out within a few seconds if it slips and can be heavily damaged, or even break.

Burns

- During operation the engine becomes hot, especially at the exhaust.
- When the device descends, the energy is converted into heat. This can cause the brake housing to become hot.
- Friction occurs on the rope sheave when the rope is conveyed. The pulley can become hot.

Allow the device to cool down before touching it in the areas mentioned.

Locking bolt



The combustion variants of the EDER - Ascender have an on/off switch and an emergency stop button, both of which stop the motor immediately. Both buttons/switches can be operated independently of each other in emergency situations.

The battery version has an emergency stop button corresponding to that of the combustion versions. Familiarise yourself with the position and use of these two buttons/switches before using the device.

Automatic descent

The EDER - Ascender can descend without any person. For this, press the locking bolt down with the brake activated and then release the brake lever. However, the device requires a minimum traction force of 10kg to descend independently. This force can be generated by an attached weight or by pulling on a rope attached to the bottom of the device. The advantage of pulling with a rope is that the device can be controlled during the descent. This helps to avoid possible collisions. By briefly pressing the descent lever again, the locking bolt pops out and the device stops.

CAUTION

Free descent path

- > Check that there are no obstacles in the way before automatic descent.
- > No persons may be under the device when it is being lowered automatically using an additional weight.
- > Keep an eye on the moving device at all times

Cleaning and maintenance

WARNING

Danger during maintenance, repair and cleaning work with the drive motor running!

This may result in injury.

Before maintenance and cleaning work, switch off the drive motor and wait until it is no longer hot.

Check before each operation:

- > Sufficient fuel in the tank (combustion variants)
- > Clean air filter (combustion variants)
- > Sufficient battery charge level (battery variant)
- > Smooth-running levers
- > Function of the OFF switch on the engine
- > Visual inspection for dirt or damage

To work safely, you must clean the device after each use.

- > Remove possible rope abrasion from the device
- > Use a dry or slightly damp cloth and, if necessary, a commercially available cleaning agent for the exterior surfaces.
- > Do not use any grease-dissolving, caustic or aggressive cleaning agents

Maintenance work on the engine can be carried out in accordance with the engine operating instructions.

The drive of the battery-powered version is maintenance-free. Do not fill the motor unit with oil or other operating fluids.

Any further work must be carried out by a certified workshop.

Rope wear

The rope is subject to natural wear during operation. The rope is suitable for up to 300 cycles with a 240 kg load or 500 cycles with a 130 kg load. One cycle means travelling up and down the respective rope section.

However, the rope may need to be replaced earlier. Clean the rope after each use to avoid increased wear. If there is damage to the rope sheath or after a fall to the rope core, the rope must be replaced.

Maintenance and faults

The EDER - Ascender must be inspected annually by a certified workshop. If the inspection sticker next to the name plate has expired, the EDER - Ascender must not be used.

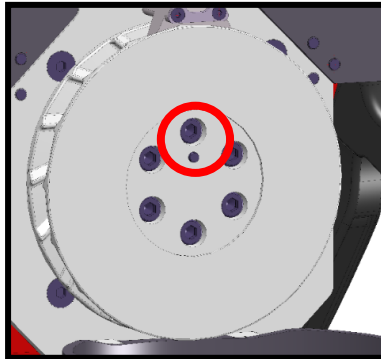
The device is tested for accident prevention ex works. Enter the month of purchase of the device on the inspection sticker in accordance with the invoice. In the event of a fault, the device must be checked by a certified workshop. The following table lists possible errors, causes and their elimination.

Fault	Cause	Elimination
Motor does not start	Air filter clogged	Clean/replace air filter
	No ignition spark	Clean/replace spark plug
Rope slips	Worn pulley	Change the pulley discs
	Rope worn or showing signs of wear	Replace rope
Brake does not work correctly or descent speed is too high	Worn brake disc	Certified workshop
Descent not possible	Brake lever jammed	Certified workshop

Changing the pulley discs

The pulley discs are available as spare parts and can be purchased from dealers or from EDER Maschinenbau GmbH. Only use original pulley discs manufactured by EDER Maschinenbau GmbH. The pulley discs can be replaced using the following procedure:

1. First remove the old pulley discs.
2. Place the pulley discs on top of each other. The position of the discs in relation to each other is determined by the pin
3. Insert the screws with Loctite 243 (medium-strength threadlocking).
4. Tighten the screws with a torque of 11 Nm using a torque wrench.



Battery variant faults

Various faults specific to the battery version may occur that do not occur in the combustion versions.

Fault	LEDs on the battery	Cause	Solution
Engine does not start when switched on.	1 LED flashes green.	Battery charge level is too low	Fully charge the battery in accordance with the operating instructions (charger).
	1 LED lights up red.	Battery too hot or too cold	Allow battery to cool down or warm up.
	3 LEDs flash red.	Fault in the motor	Remove the battery. Then: Clean the electrical contacts in the battery compartment. Reinsert the battery. If the fault still occurs: certified workshop
Engine does not start when switched on.	4 LEDs light up red.	Fault in the battery.	Reinsert the battery. If the fault still occurs: certified workshop
		The electrical connection between the motor and the battery is interrupted.	Remove the battery. Then: Clean the electrical contacts in the battery compartment. Reinsert the battery. If the fault still occurs: certified workshop

Fault	LEDs on the battery	Cause	Solution
		The motor or battery are damp.	Allow the battery or motor to dry
The operating time of the motor is too short		Battery is not fully charged.	Fully charge the battery in accordance with the operating instructions (charger).
		The service life of the battery has been exceeded	Replace the battery.

Decommissioning and disposal

If the EDER - Ascender is no longer fit for use and is to be scrapped, you must deactivate and dismantle it, i.e. you must bring the device into a state in which it can no longer be used for the purposes for which it was designed.

Technical data

EPC 130-11

Technical data	Value	Note
Rope	Certified climbing rope Teufelberger Patron Plus 11mm or BEAL Industrie 11mm or Edelrid Static Low Stretch 11 mm or Edelrid Interstatic Protect 11 mm	Ropes according to EN 1891 type A 11 mm Certified and tested with EPC
Weight	11 kg	Without 4-stroke fuel
Max. permissible load	130 kg	Max. 1 person
Ascent speed	0.5m/s (130kg)	
Descent speed	0.3m/s	
Dimensions	30x27x38cm	
Tank volume	0.63 l	
Engine capacity	47.9 cm³	
Fuel	4-stroke fuel	
Engine oil	SAE 10W-30 API SJ	Alternative oil of the same/higher quality
Noise level	97 dBA	
Operating temperature	-20°C – +40°C	

EPC 240-11

Technical data	Value	Note
Rope	Certified climbing rope Teufelberger Patron Plus 11mm or BEAL Industrie 11mm or Edelrid Static Low Stretch 11 mm or Edelrid Interstatic Protect 11 mm	Ropes according to EN 1891 Type A 11 mm Certified and tested with EPC
Weight	11.5 kg	Without 2-stroke special fuel
Max. permissible load	240kg or max. 2 persons	
Ascent speed	Max. 0.4m/s (240kg) Max. 0.6m/s (130kg)	
Descent speed	Max. 0.3m/s	
Dimensions	30x27x38cm	
Tank volume	1.1 l	
Engine capacity	53.2 cm ³	
Fuel	2-stroke special fuel	
Noise level	98 dBA	
Operating temperature	-20°C – +40°C	

EPC 240-11-B

Technical data	Value	Note
Rope	Certified climbing rope Teufelberger Patron Plus 11mm or BEAL Industrie 11mm or Edelrid Static Low Stretch 11 mm or Edelrid Interstatic Protect 11 mm	Ropes according to EN 1891 Type A 11 mm Certified and tested with EPC
Weight	10.5 kg	Without battery
Max. permissible load	240kg or max. 2 persons	
Ascent speed	Max. 0.4m/s (240kg) Max. 0.6m/s (130kg)	
Descent speed	Max. 0.3m/s	
Dimensions	30x28x37cm	
Battery voltage	36V	
Usable batteries	Stihl AP 300S, Stihl AP 500`S	
Protection class	IP X4	
Noise level	94 dBA	
Operating temperature	-20°C – +40°C	

Declaration of conformity

The Eder Mechanical Engineering GmbH
manufacturer: Schweigerstraße 6
38302 Wolfenbüttel
Germany

herewith declares that the machine designated below complies with the relevant essential safety and health requirements of the EC Machinery Directive 2006/42/EC due to its design and construction. The battery-powered devices also fulfil the 2011/65/EU, 2014/30/EC and 2000/14/EC directives.

Main designation: EDER - Ascender Type:

EPC 130 -11mm	Serial no.: EPC-130-02000	and following
EPC 240 -11mm	Serial no.: EPC-240-02000	and following
EPC 240 -11mm B	Serial no.: EPC-240-B-01000	and following

The following standards were used to implement the safety and health requirements specified in the EC directives:

DIN EN ISO 12100	DIN EN 354
DIN EN 1496	DIN EN 1891
DIN EN 341	DIN EN 349

Internal measures have been taken to ensure that the serial production devices always meet the requirements of the current EC directives and the standards applied.

Identification number of the notified body: DEKRA 0158

Authorized person for the technical documentation: Michael Pögel

Wolfenbüttel, 18.12.2023

Ulrich Schrader, Managing Director

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