



MASCHINENBAU GmbH

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Operating Instructions

EDER Forestrytools

Motorised handheld device for working logs and wood



EN



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About this guide

Validity

These instructions apply to the Eder attachment set for debarking and milling tree trunks and wood in the following variants:

EDER Bark Stripper Set ESG-A56

EDER Flat Planer Set EPH-A56

EDER Curved Planer Set ERH-A56

EDER Contour Planer Set EKH-A56

EDER Trough Cutter Set ETH-A56

EDER Carving Cutter Set ESF-A56

EDER Wire Brush Set ERB-A56

EDER Bark Beetle Cutter Set EBF-A56

They are aimed at forestry professionals and private individuals with basic knowledge of wood processing.

The instructions contain important information for the professional commissioning, operation, use, maintenance and repair of the attachment sets and for the elimination of simple faults.

Warranty


The attachment set is covered by the statutory warranty period. The seller must be notified immediately of any defects that can be proven to be due to material or assembly errors. Proof of purchase of the attachment set must be provided by presenting the invoice and receipt when making a claim under the warranty. The warranty is excluded with regard to the parts if the defects are caused by natural wear and tear, temperature, weather conditions as well as defects resulting from faulty connection, installation, operation, lubrication or force. Furthermore, no warranty is given for damage caused by unsuitable improper use of the machine, e.g. improper modifications or repair work carried out by the owner or third parties under his or her own responsibility, or in the case of deliberate machine overload. The manufacturer does not accept any warranty for:

- Parts which are subject to natural wear and tear
- Non-compliance with the operating instructions and insufficient or incorrect care
- The consequences of improper maintenance and servicing
- Damage from improper handling and incorrect operation

Guarantee

The warranty period shall be 24 months from the date of delivery for exclusively private use, and 12 months for commercial or professional use or application or for rental. The statutory warranty remains unaffected. Warranty claims must always be proven by the buyer by means of the original purchase receipt. A copy of this is to be enclosed with the warranty application. The buyer's address and machine type must be clearly identifiable for professional or commercial use. Any defects occurring within the warranty period due to material or manufacturing faults must be remedied by repair if they have occurred despite proper operation and care of the machine.

Presentation of the warning notes


 SIGNAL WORD
Type and source of the danger! Consequences ➤ Danger prevention

- The **warning sign** (warning triangle) draws attention to danger of life or injury.
- 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

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.

Safety instructions

The motorised handheld device 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 these instructions thoroughly and completely before working with the motorised handheld device.
- > Keep the manual in a legible condition.
- > Make sure that the manual is always accessible to all users.
- > Always pass on the motorised handheld device to third parties together with this manual.

Intended use

The motorised handheld device is a machine that consists of a drive motor that may be combined with various attachments. You may only use the motorised handheld device for the activities described in this manual. The motorised handheld device is approved for use in forestry and for private use. It is designed exclusively for operation by one person. Never allow two or more persons to work on one device.

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

Improper use

Any use not in accordance with the intended use is not permitted. The following is considered improper use:

- removing or modifying safety devices,
- using the motorised handheld device in any other way than described in the chapter "Intended use",
- using the motorised handheld device under operating conditions that differ from those described in this manual.

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 motorised handheld device may only be operated, maintained and repaired by persons who have familiarised themselves with the device and the associated hazards by means of these instructions.

Persons who assemble, operate or maintain the motorised handheld device 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 repair, set-up, maintenance and cleaning work and transport the device when the drive is switched off and the tool is stationary.
- > Operate the device exclusively with the protective equipment fitted or provided by the manufacturer.
- > Never leave the device unattended during operation.
- > If you have long hair, wear a hairnet when working with the device.
- > Do not smoke while refuelling or while working with the device.

Safety instructions for the workplace

- > Ensure that the workplace and the traffic routes required for transporting the wood to and from the site are safe.
- > Keep the working area free of wood debris, obstacles and tripping hazards. Eliminate slippery and smooth areas. Do not use sawdust or wood ash for this purpose, otherwise there is a risk of slipping.
- > Ensure adequate lighting at the workplace.
- > Ensure that a level and step-resistant area with sufficient freedom of movement is available for working.
- > Only work in well-ventilated areas. Do not use the motorised handheld device in enclosed spaces. Exhaust fumes contain toxic carbon monoxide.
- > Do not allow persons to approach the running device. Keep persons and animals away from the workplace. Children, animals and adults must keep at least 10 metres away from the running device.
- > Never work in the rain as the stability in wet conditions is impaired.
- > Do not leave the device standing in the rain.

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 device to which the attachment is mounted.
- > Have the malfunctions eliminated by your specialist dealer.

Safety devices

The device may only be used with the protective and safety equipment (e.g. protective plate) 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 machine:

- Safety shoes with steel toecap
- Cut-resistant pants and tight-fitting clothes
- Suitable work gloves
- Safety helmet with face protection
- Hearing protection



The personal protective equipment must comply with the applicable accident prevention regulations.

Design and function

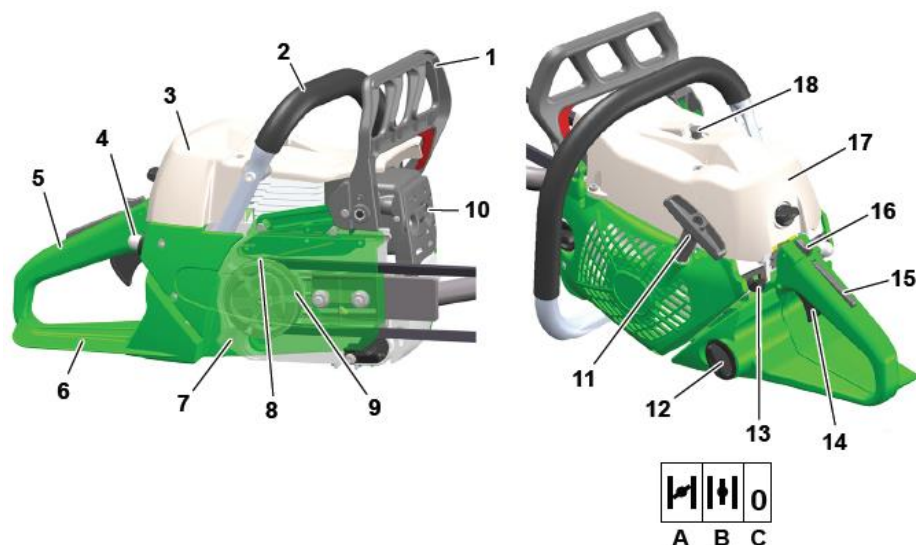


Fig. 1 : Overview of the drive motor

1	Hand guard and V-belt brake operating lever	10	Silencer
2	Front handle	11	Engine starter handle
3	Air filter cover	12	Fuel filler cap
4	Primer	13	Stop switch Position A : Cold start Position B : Operation Position C : Stop
5	Throttle handle	14	Throttle trigger
6	Rear hand guard	15	Throttle trigger lockout lever
7	V-belt cover	16	Throttle lock
8	V-belt brake	17	Air filter cover
9	Clutch bell	18	Pressure relief valve

Function

The motorised handheld device consists of a drive motor and an attachment in the ordered version. With the different versions of the attachment you can achieve different contours when working the wood. The individual attachments can be exchanged for another attachment in a few easy steps.

EDER Bark Stripper Set ESG-A56

Field of application: For peeling logs of any diameter.

The design of the cylinder results in high cutting performance with minimum effort.

Tungsten carbide pins placed directly behind the knives are designed in such a way that the distance between the knives and the log is maintained automatically and independently of the bark thickness over the entire length of the log. Knots and thin branches are easily and cleanly milled off.

The cylinder is straight and mills a flat surface similar to that of the peeling knife. This allows you to use the device at an angle or crosswise when working on the side of the trunk and when peeling root knots.



For the processing of robinia wood we recommend the use of the contour planer EKH.



EDER Flat Planer Set EPH-A56

Field of application: For planing flat or round wood surfaces from 30 cm diameter.

The design of the cylinder results in high cutting performance with minimum effort.

The knives mounted on the rotating cylinder are continuously adjustable, allowing you to set both the cutting radius and the cutting depth according to the desired chip thickness.

On the cylinder there are four knives distributed on two levels, which produce a smooth surface without vibrations.



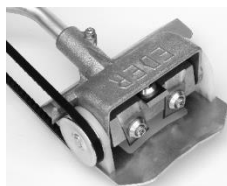
EDER Curved Planer Set ERH-A56

Field of application: For planing round, flat or curved wood surfaces up to 30 cm diameter.

The design of the cylinder results in high cutting performance with minimum effort.

The knives mounted on the rotating cylinder are continuously adjustable, allowing you to set both the cutting radius and the cutting depth according to the desired chip thickness.

On the cylinder there are four knives distributed on two levels, which produce a smooth surface without vibrations.

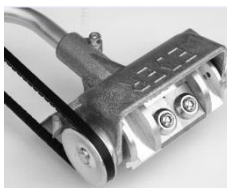


EDER Contour Planer Set EKH-A56

Field of application: For planing straight and wavy wooden surfaces, e.g. when building log houses, children's playgrounds, bonanza fences and similar projects. Well suited for very hard woods such as robinia wood.

The design of the cylinder results in high cutting performance with minimum effort.

The adjustable minimum knife projection setting effectively prevents the log from splitting. As one rotation of the cylinder means only one cut at working width, the reaction forces are kept to a minimum. Knots and thin branches are easily and cleanly planed off.



EDER Trough Cutter Set ETH-A56

Field of application: For milling recesses in wooden surfaces, for making troughs and sculptures, for surgical measures on trees and for removing trunk pieces.

The design of the milling head results in high cutting performance with minimum effort.

The circular knives are arranged so that the tool can be used for performing work lengthwise as well as diagonally. Two circular knives are fitted on the milling head, producing a smooth surface without any vibrations. The minimum knife projection setting effectively prevents the log from splitting.



EDER Carving Cutter Set ESF-A56



Field of application: For milling channels and grooves in wood surfaces, e.g. when building log houses, children's playgrounds, carving sculptures and in similar projects.

The design of the milling head results in high cutting performance with minimum effort.

Two semi-circular knives are fitted on the milling head, producing a smooth surface without any vibrations. The minimum knife projection setting effectively prevents the log from splitting.

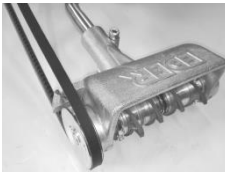
EDER Wire Brush Set ERB-A56



Field of application: For processing and cleaning wood surfaces, metallic surfaces such as steel or iron and for removing rust or old paint.

The EDER Wire Brush ERB is exceptionally suitable for working out the natural structure of the wood grain on boards, beams and round timber, e.g. during construction, restoration and maintenance work on log houses, children's playgrounds, park benches, wooden fences, on weathered and rotten wood and similar projects.

EDER Bark Beetle Cutter Set EBF-A56



Field of application: The device is suitable for carving the bark of trees to destroy the habitat of bark beetles. Resin bleeds from the carved areas and hardens on the surface. This hinders the development of bark beetle larvae. Furthermore, the decomposition of the scratched tree trunk is promoted because it dries out less quickly than after debarking. In addition, fungal spores and microbes find plenty of surface area to attack in the scratches.

Symbols on the drive motor

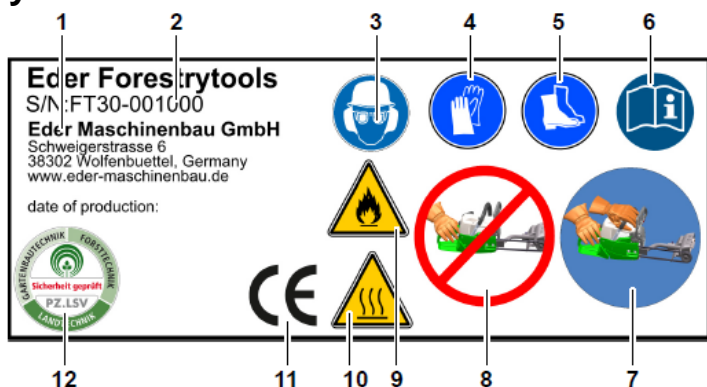


Fig. 2 : Symbols on the drive motor

1	Company address	7	Only two-hand operation permitted!
2	Serial number	8	One-handed operation prohibited!
3	Wear eye and hearing protection!	9	Caution! Inflammable
4	Wear work gloves!	10	Caution! Hot surface
5	Wear safety shoes!	11	CE marking
6	Read operating instructions before use!	12	Seal of approval

Scope of delivery

Check completeness of the delivery

The motorized handheld device is supplied with:

- 1x drive motor
- 1x attachment
- 1 set of tools consisting of a combination wrench (spark plug wrench and slotted screwdriver), Allen key 6 mm, 5 mm and 4 mm, Phillips screwdriver
- 1x setting gauge (ESG-A56, EPH-A56, ERH-A56, EKH-A56, ESF-A56)

- 1x groove nut wrench (EBF-A56) / 2x groove nut wrench (ERB-A56)
- 1x operating instructions

Check transport damage

Visible transport damage can be recognized by packaging damage or by scratched and deformed parts on the device.

- > Be sure to make a note of the damage on the delivery note: both on the copy you receive and on the one that you must sign.
- > Make sure that the deliverer (driver) countersigns.

If the deliverer refuses to confirm the transport damage, you should refuse to accept the delivery and inform us immediately. A claim in retrospect, without a direct note on the delivery note, will not be accepted either by the carrier or by the transport insurer.

If you suspect latent transport damage:

- > Report concealed transport damage within two days at the latest, which means that you must have checked your delivered goods within this period. Reporting damage after this time is usually not accepted.
- > Make a note on the shipping documents in any case: "Goods are accepted subject to concealed transport damage".

Insurance companies of carriers often react very suspiciously and refuse to provide compensation. Therefore, try to prove the damage clearly (send a photo if possible).

Transport

CAUTION

Risk of injury by the attachment head!

The cutter head of the attachment has sharp-edged tools that can cause injuries.

- > Ensure that there is sufficient distance between the cutter head of the attachment and persons.
- > Carry the motorised handheld device with the cutter head of the attachment facing backwards and the exhaust pipe turned away from the body.

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.



The motorised handheld device consists of a drive motor and an attachment. You can transport the motorised handheld device assembled or the parts separately. A handle is attached to the upper part of the drive motor. The motorised handheld device weighs approx. 8-9 kg depending on the attachment used.

Carry the motorised handheld device by the front handle (1) to the work site.

Assembly

WARNING

Danger during assembly with the drive motor running!

This may result in injury.

- > Switch off the drive motor before assembling the unit and secure the device against being switched on again.

WARNING

Danger from changes to the device!

This may result in injury.

- > Only carry out assembly work described in this manual.
- > Do not make any changes to the device.
- > Contact Eder Maschinenbau GmbH or authorised workshops for work that goes beyond the work described in this manual.
- > Do not adjust the support, the V-belt, the knives or the milling head while the engine is running. The V-belt must always be tensioned properly.
- > Only use original spare parts. These can be ordered directly from Eder Maschinenbau GmbH or from your dealer (see back page for address).

Mounting the support and cutter head

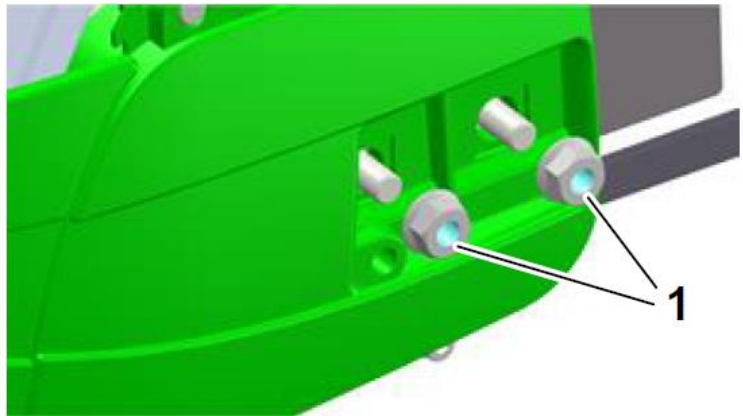


Fig. 3: Removing the V-belt cover

- > Loosen the two nuts from the V-belt cover.
- > Remove the V-belt cover.

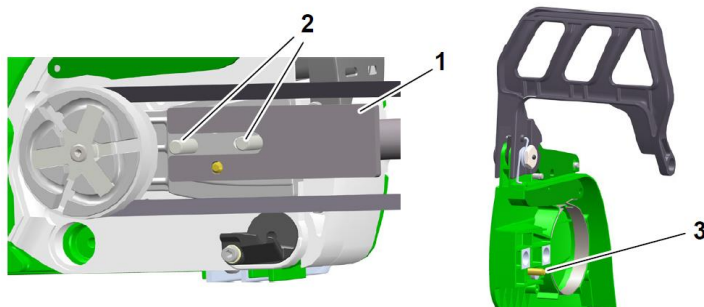


Fig. 4: Mounting the support and the V-belt

- > Place the support (1) with the slot between the two threaded pins (2).
- > Place the V-belt between the V-belt pulley and the clutch drum.

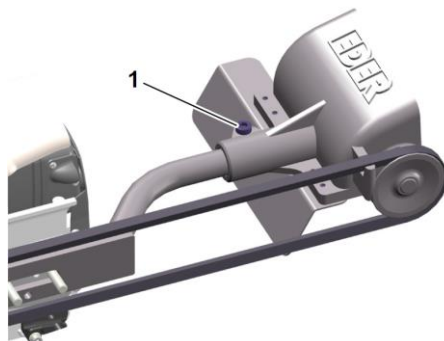


Fig. 5: Fastening the peeling head to the support

- > Make sure that the belt is already slightly pretensioned. If not, loosen the Allen screw (1) (see Fig. 5) and push the peeling head forward on the support until the belt is pretensioned.
- > Replace the V-belt cover so that the pin in the cover (3) engages in the support (1) (see Fig. 4).
- > Tighten the V-belt by turning the V-belt tightening screw (2) clockwise (see Fig. 6).

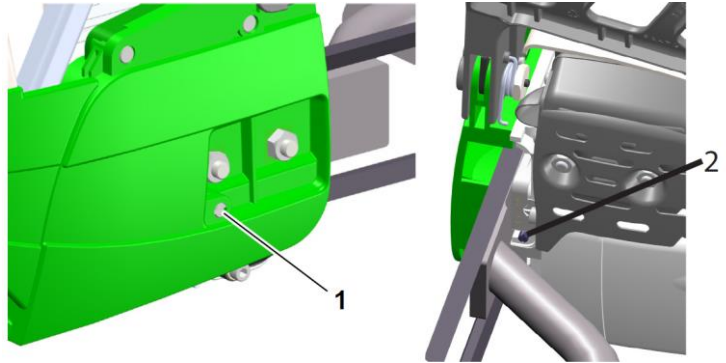


Fig. 6: V-belt tightening screw

Mounting the attachment

- > Insert the support (1 - Fig. 3) with the slot between the threaded pins (2 - Fig. 3).
- > The hole (3 - Fig.3) in the support must be located at the chain tensioner driver. Depending on the type of chainsaw, this is mounted on the motor side or in the cover (4 - Fig.3).
- > Insert the V-belt between the clutch drum (5 - Fig.3) and the V-belt pulley (1 - Fig.4).

Commissioning and operation

ATTENTION

Damage to knives and tools!

Nails, adhering sand and other foreign bodies can damage the knives and tools of the attachment.

- > Check the logs to be worked before each use. If necessary, remove nails, sand and other foreign objects before milling.

Before starting the motorised handheld device, make sure you have safe working conditions. Check that

- > the support/base has been correctly mounted with the respective device head,
- > the V-belt is sufficiently tensioned and not damaged,

- > the V-belt brake is functional,
- > all knives and tools are correctly mounted and firmly seated (tightening torque 35 Nm)
- > 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.

Filling up with fuel

WARNING

Danger to life from open fire!

The petrol mixture can ignite by open fire.

- > Never smoke while refuelling the device.
- > Keep the device away from naked flames.
- > Always switch off the engine before refuelling and wait at least 5 minutes for the engine to cool down.

ATTENTION

Damage to the engine due to incorrect fuel!

The device is equipped with a 2-stroke engine and may therefore only be operated with an oil-fuel mixture.

- > Only mix fuel with oil for 2-stroke engines.
- > Always use a good quality 2-stroke oil for a 25:1 mixture (4%)
- > Never fill oil directly into the tank.

ATTENTION

Damage to the engine by stored fuel!

The fuel mixture is prone to ageing and therefore changes over time.

- > Mix the fuel in a container well and long.
 - > Do not use mixtures that have been prepared for several weeks, as this could lead to engine damage.
 - > Mix again the fuel carefully before each refuelling if you have removed fuel from the tank and wish to reuse it.
-
- > Prepare only the amount of mixture required for use.
 - > Shake the canister or container to ensure that the mixture is homogeneous.
 - > Before refuelling, carefully clean the area around the fuel filler cap to prevent dirt from entering the tank and damaging the engine.
 - > Slowly unscrew the tank cap to release any excess pressure.
 - > Fill the mixture into the tank. Fill the tank only $\frac{3}{4}$ to allow the mixture to expand.
 - > After refuelling, correctly refasten the tank cap.
 - > Remove the motorised handheld device at least 3 meters from the fuelling site before starting the engine.

Starting the engine



CAUTION

Danger of injury due to rotating tools!

After you have released the throttle trigger, the device will continue to rotate for a short time (freewheel).

- > Before starting the engine, make sure that all protective housings and protective plates are fitted to the attachment.

ATTENTION

Clutch damage!

If the engine is not immediately brought to minimum speed, damage to the clutch could occur.

Always release the V-belt brake before starting work (see "Preparing to start the device").

- > Place the motorised handheld device on the ground so that the device does not touch any foreign objects.
- > Never start the device in a hanging position.
- > Keep the device away from your body during work.
- > Make sure that no one is in the working area of the device.

Preparing to start the device

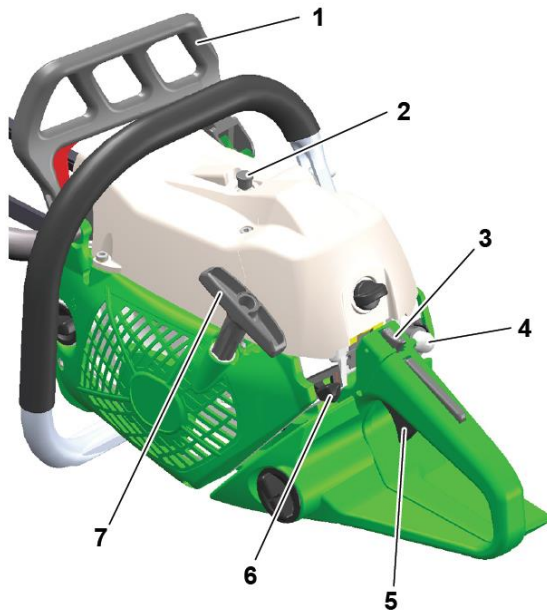
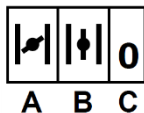


Fig. 7: Starting the drive motor



- > Pull the front hand guard (Fig.7 no.1) to the rear to disengage (release) the V-belt brake.
The release noise of the V-belt brake is clearly audible.
- > Push down the pressure relief valve push-button (Fig.7 no. 2).
- > When the engine is cold: Set the stop switch (6) to **A** (cold start).
- > With the engine warmed up: Set the stop switch (6) to the central position **B** (operation).
- > Hold down the throttle trigger lockout lever (3).
- > Then pull the throttle trigger (5) and release it again.
- > The throttle trigger is now engaged.
- > Press the primer (4) 5 or 6 times.

Starting the engine

- > Insert your foot into the throttle handle (p.8 Fig.1 no.5)
- > Pull the engine starter handle (Fig.7 no. 7) slowly until you feel a little resistance.
- > Now pull the engine starter handle quickly and firmly.
- > Relax the cable and allow it to be rewound in a controlled manner by continuing to hold the engine starter handle in your hand.
- > Continue doing this until the engine makes a few starting noises.
The engine is now running idle.

When the engine is running

If the engine has already been started:

- > Press the throttle trigger (Fig.7 no. 5) and release it again immediately.
The throttle trigger lockout lever is released and the engine automatically regulates itself to the minimum speed.

V-belt brake



Fig. 8: Engaging the V-belt brake

- | | |
|---|--|
| 1 Hand guard in "Disengaged V-belt brake" position | 2 Hand guard in "Engaged V-belt brake" position |
|---|--|

CAUTION

Danger of injury due to defective braking device!

The V-belt brake is subject to wear.

- > Have the V-belt brake checked regularly by qualified personnel to ensure the safety of the operator.
- > Have a damaged braking device repaired immediately by qualified personnel.
- > If you engage the V-belt brake frequently at high speed, the braking device may be damaged.
- > Engage the V-belt brake at full throttle only if there is an emergency.

You may use the V-belt brake in the following cases:

- in an emergency
- at startup
- with the engine running idle

During normal operation, the hand guard is in the position "disengaged V-belt brake". The V-belt brake is not actuated.

When you engage the V-belt brake, the V-belt is blocked.

The tool stops immediately.

You can actuate the V-belt brake manually or automatically.

Actuating the V-belt brake manually

- > Lightly push the front hand guard (1) forward with your hand.

The V-belt brake is engaged.

Actuating the V-belt brake automatically

When the device rebounds, the inertial mass of the hand guard triggers the V-belt brake. The brake is also triggered when the operator's hand is not behind the hand guard.

Releasing the V-belt brake

Before accelerating or working - except during the function check - you must release the V-belt brake.

- > Pull the hand guard backwards towards the front handle (see Fig. 8).

Checking the V-belt brake

- > Check the V-belt brake before starting any work.

The V-belt brake is only functional if the hand guard has not been changed.



- > Engage the V-belt brake with the engine running idle and briefly apply full throttle (max. 3 seconds).

The tool and the V-belt must not run.

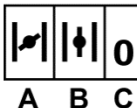
If the tool or the V-belt is running:

- > Check the V-belt brake for dirt and/or have it checked by qualified personnel.

Switching off the engine

To switch off the engine:

- > Set the stop switch (Fig.7 no. 6) to the stop position 0.



Operation

WARNING

Risk of injury due to unsafe standing position!

There is a risk of injury if your standing position is not stable or if you work overhead.

- > Always take a safe and stable position.
- > Never work on icy or wet surfaces, as there is a risk of slipping.
- > Never work on ladders or in unstable positions.
- > While working, hold the device firmly with both hands so that no parts of the body can approach the V-belt, the tool head or the exhaust pipe. Grasp firmly the throttle handle with your right hand and the front handle with your left hand. This also applies to left-handed persons.
- > Do not hold the device above your head when working and always use both hands when working.
- > Work calmly and carefully with good visibility and adequate lighting.

Risk of injury!

If you do not observe the following points, injuries are possible due to rebounding of the device.

- > Only work on wood with the device (except for the Wire Brush ERB).
- > During work, make sure that the cutter head does not touch any foreign objects (stones, glass, metal objects, etc.) that could damage the cutter head or the V-belt.
- > When the engine is running, place the cutter head or wire brush on the trunk surface only at operating speed.
- > Make sure that the throttle trigger is not blocked by the throttle lock when working with the device, as in this case it is not possible to control the rotation.
- > Check that the knives are firmly seated before each use.
- > Switch off the device before putting it down.

ATTENTION

Damage to the device!

If the engine is running at high speed and the V-belt brake is engaged, damage to the clutch and V-belt brake will occur after a short time.

Only accelerate when the V-belt brake is released.

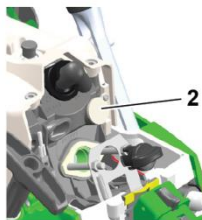
Before starting work, pull the front hand guard to the rear to release the V-belt brake.

Operation at temperatures below +10 °C



At temperatures below +10°C, you can optimise the carburettor performance by mixing the cold air with the warm air from the cylinder. To do this, open the rotating cover under the air filter.

- > Switch off the engine.
- > Remove the air filter cover (1) and the air filter.
- > Loosen the screw and turn the rotating cover (2) until the opening is free.
- > Retighten the screw. The intake air is now preheated.



Changing and adjusting the knives EDER Bark Stripper Set ESG-A56

Sharp knives are required for optimal work with the EDER Bark Stripper Set ESG-A56.



Blunt knives can be sharpened manually using normal grinding wheels. Cutting edge angle is 40°.

The required knife setting depends on the type of wood to be peeled.

Adjust the knives from case to case.



The smaller the knife protrusion, the less wood is removed and the smoother the surface becomes.

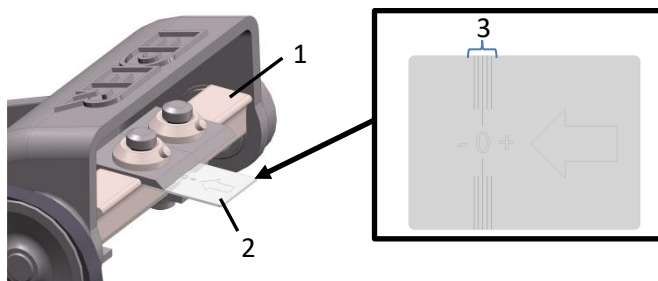


Fig. 9: Knife adjustment

The tungsten carbide pins on the knife discs serve as depth limiters. All four knives must therefore have the same setting and the same distance to the carbide pins. The knives must not protrude beyond the tungsten carbide pins.

All four knives are replaced and adjusted in the same way. Proceed as follows for each knife:

- > Loosen the Allen screw of the knife with a 6 mm Allen key.
- > Replace the knife if necessary.
- > Push the setting gauge (2) under the knife in the direction of the arrow up to the peeling cylinder (1).
- > Push the knife back or forward until the cutting edge touches the zero mark.

If the device cuts too deeply or even chops:

- > Move the knife in negative direction.

If the cutting depth is too shallow:

- > Move the knife in positive direction.

Attention: The cutting edge of the knife must be within the marked area (3).

- > The tungsten carbide pin on the knife disc must always be pointed forward, towards the cutting edge.
- > Retighten the Allen screw of the knife.

Tightening torque: 35 Nm

EDER Flat and Curved Planer Set EPH-A56/ERH-A56

Sharp knives are required for optimal work with the EDER Flat Planer Set EPH-A56 and the EDER Curved Planer Set ERH-A56.



Blunt knives can be sharpened manually using normal grinding wheels. Cutting edge angle is 40°.

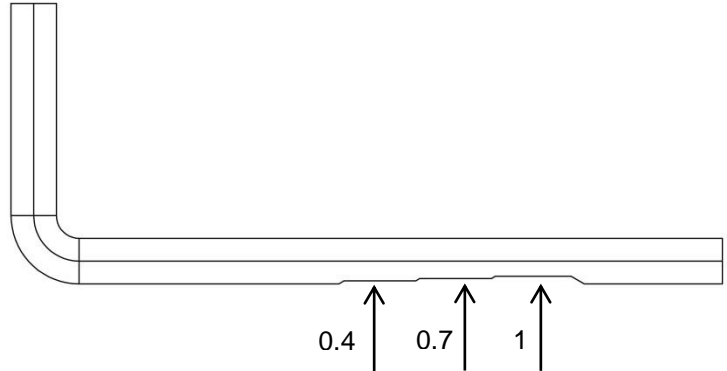


Fig. 10: Allen wrench with notches

To adjust the knives, you need the 6 mm Allen key. This key has notches for three settings of the knives: 0.4 mm, 0.7 mm and 1 mm.

The required knife setting depends on the type of wood to be peeled. Adjust the knives from case to case.



The smaller the knife protrusion, the less wood is removed and the smoother the surface becomes.

All knives are changed and adjusted in the same way.

The knives must not protrude more than 1 mm beyond the guide plate.

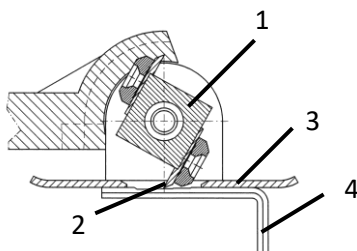


Fig. 11: Knife adjustment

Proceed as follows for each knife:

- > Loosen the Allen screw of the knife with a 6 mm Allen key.
- > Replace the knife (2) if necessary.
- > Turn the cylinder (1) so that the knife protrudes at maximum through the guide plate (3).
- > Place the Allen key (4) on the guide plate so that the notch with the desired cutting depth is under the knife.
- > Move the knife so that the cutting edge touches the Allen key at the point with the desired cutting depth.
- > Retighten the Allen screw of the knife.

Tightening torque: 35 Nm

EDER Contour Planer Set EKH-A56

Sharp knives are required for optimal work with the EDER Contour Planer Set EKH-A56.



Blunt knives can be sharpened manually using normal grinding wheels. Cutting edge angle is 40°.

For adjustment you need the supplied Allen key and the knife gauge.

On the knife gauge there are notches with which you can adjust the knives to 0.2 mm, 0.4 mm and 0.6 mm cutting depth.

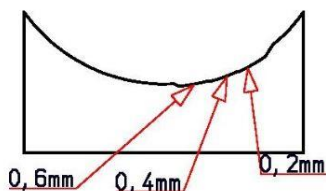


Fig. 12: Cutting depths on the knife gauge



The smaller the knife protrusion, the less wood is removed and the smoother the surface becomes.

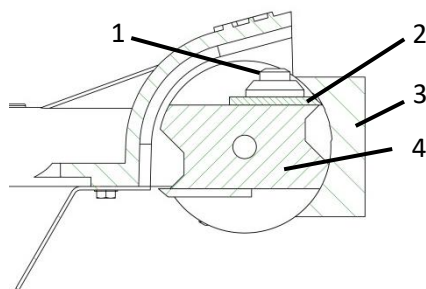


Fig. 13 Knife adjustment

- > Loosen the knife screw (1).
- > Push the knife (2) all the way back.
- > Place the knife gauge (3) on the cylinder (4) so that it rests on the two bearing surfaces of the cylinder at the top and bottom.
- > Push the knife onto the knife gauge until the desired setting height (0.2 mm, 0.4 mm, 0.6 mm) is reached.
- > Retighten the knife screw. Tightening torque: 35 Nm.

EDER Trough Cutter Set ETH-A56

Sharp knives are required for optimal work with the EDER Trough Cutter Set ETH-A56.



Blunt circular knives can be turned by 180° around the knife screw and used again. The circular knives can be resharpened. The rounding radius of the circular knives must be maintained for good work efficiency.

All 4 knives are exchanged and adjusted in the same way. Proceed as follows for each knife:

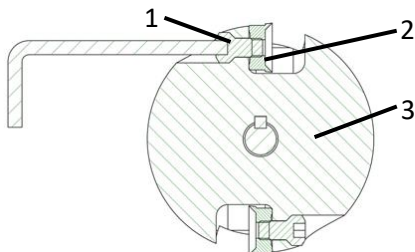


Fig. 14: Changing the knives

- > Loosen the knife screw (1 - Fig.10) on the milling head (3 - Fig.10) with a 6 mm Allen key.
- > Replace the circular knives (2 - Fig.10) or turn the circular knives by 180°.
- > Retighten the knife screw. Tightening torque: 35 Nm.

Setting the guide block on the EDER Trough Cutter Set ETH-A56

The position of the guide block determines the depth of the cavities.

- > Clamp the tip of the guide block on the lower side between the protective plates.
- > Slide the guide block between the protective plates in longitudinal direction as required:
 - For deep cavities, move it far forward.
 - For shallow cavities move it far back.
- > Make sure that the guide block does not touch the rotating knives.

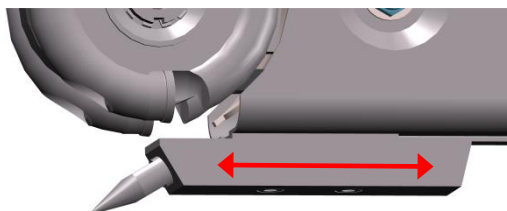


Fig. 15: Adjusting the guide block

ATTENTION

Damage to the knives!

An incorrectly mounted guide block can damage the rotating knives.

- > Check the guide block for tight fit before each use.
- > Make sure that the guide block cannot touch the rotating knives.

EDER Carving Cutter Set ESF-A56

Sharp knives are required for optimal work with the EDER Carving Cutter Set ESF-A56.



Blunt knives can be sharpened manually using normal grinding wheels. Cutting edge angle is 40°. The rounding radius of the knives must be maintained, otherwise the knives will carve unevenly.

For adjustment you need the supplied knife gauge.

Both knives are adjusted in the same way.



The knives must not protrude more than 1 mm beyond the milling head, as the milling head serves as a depth limiter.

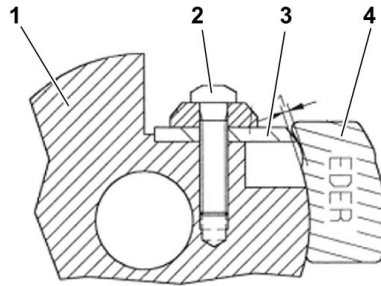


Fig. 16: Replacing knives on the carving cutter

- > Loosen the knife screw (2 - Fig.12) slightly.
- > Place the knife gauge (4 - Fig.12) on the milling head (1 - Fig.12) and slide the knife (3 - Fig.12) against the gauge until it touches the notched area.
- > Fix the knife in this position by slightly tightening the knife screw.
- > Retighten the knife screw. Tightening torque: 35 Nm

EDER Wire Brush Set ERB-A56

Changing the wire brush

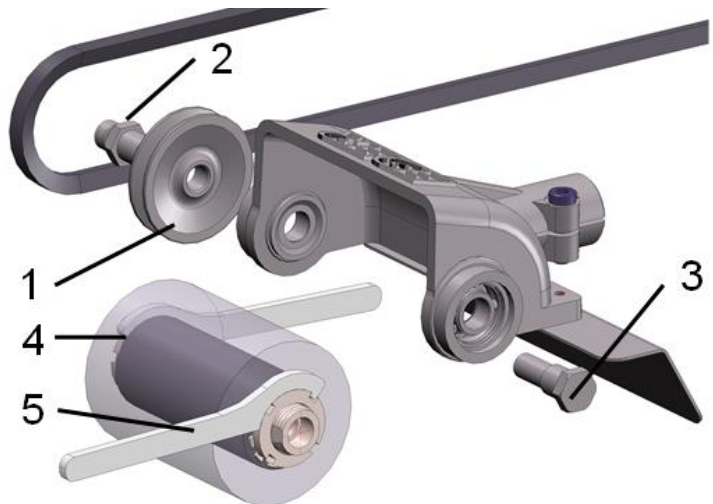


Fig. 17: Changing the wire brush

- > Take the V-belt off.
- > Unscrew the V-belt pulley (1). Use pointed pliers and insert them in the side holes of the V-belt pulley.
- > Unscrew the short bearing shaft (3) and the long bearing shaft (2).
- > Remove the wire brush from the housing and unscrew the locking plate (4).
- > Using the wrench, unscrew the grooved locknuts (5). The wire brush can then be pushed off the shaft.
- > When reassembling, make sure that the locknuts are firmly seated (35Nm) and bend one lug of the locking plate back into the groove of the locknut.
- > Remount the short and long bearing shafts and tighten them. Tightening torque: 35 Nm
- > Screw the V-belt pulley back on
- > Put the V-belt back.

EDER Bark Beetle Cutter Set EBF-A56

Sharp knives are required for optimal work with the EDER Bark Beetle Cutter Set EBF-A56.



Blunt knives can be sharpened manually using normal grinding wheels.

Replacing knives

- > Take the V-belt off.
- > Unscrew the V-belt pulley (1). Use pointed pliers and insert them in the side holes of the V-belt pulley.
- > Unscrew the short bearing shaft (3) and the long bearing shaft (2).
- > Remove the shaft from the housing and unscrew the locking plate (4).
- > Using the wrench, loosen the locknut (5). The knives can then be pushed off the shaft.
- > When reassembling, make sure that the locknuts are firmly seated (35Nm) and bend one lug of the locking plate back into the groove of the locknut.
- > Remount the short and long bearing shafts and tighten them. Tightening torque: 35 Nm
- > Screw the V-belt pulley back on
- > Put the V-belt back.

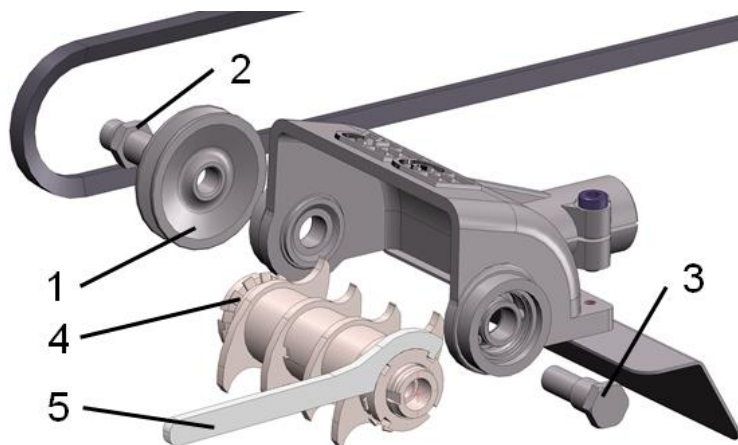


Fig. 18: Replacing knives

Cleaning

WARNING

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

This may result in injury.

Before carrying out maintenance, repair and cleaning work, switch off the drive motor and secure the device against being switched on again.

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

- > Remove all wood debris, chips and other dirt.
- > 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.

If the V-belt is dirty

- > Clean the V-belt only with a dry cloth.

Maintenance

WARNING

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

This may result in injury.

Before carrying out maintenance, repair and cleaning work, switch off the drive motor and secure the device against being switched on again.

Danger from changes to the device!

This may result in injury.

- > Only carry out the maintenance and repair work described in this manual.
- > Do not make any changes to the device.
- > Contact Eder Maschinenbau GmbH or authorised workshops for work that goes beyond the work described in this manual.
- > Do not adjust the support, the V-belt, the knives or the milling head while the motor is running. The V-belt must always be tensioned properly.
- > Only use original spare parts. These can be ordered directly from Eder Maschinenbau GmbH or from your dealer (see back page for address).



The EDER attachments are operated with a V-belt and must therefore not be lubricated.

Maintenance schedule

The listed work refers to normal operating conditions. The intervals can be adjusted according to the load.

Shortening the intervals:

In the case of difficult operating conditions such as:

- with strongly resinous woods
- very dusty working area
- longer daily working hours

Extension of the intervals:

- Only in the case of occasional use

Component	Action	Before or after end of work	After each tank filling	Once a week	Once a month	Once a year	In case of malfunction	In case of damage	If required	After 100 operating hours
Complete machine	Visual inspection	x	x							
	Clean	x								
Throttle trigger, throttle trigger lockout lever, stop switch	Functional test	x	x							
Suction head/filter in fuel tank	Check				x					
	Clean, replace filter insert				x		x			
	Replace					x		x	x	

Component	Action	Before or after end of work	After each tank filling	Once a week	Once a month	Once a year	In case of malfunction	In case of damage	If required	After 100 operating hours
V-belt brake	Functional test	x			x					
	Inspection by specialist dealer								x ¹⁾	
Fuel tank	Clean				x					
Belt	Check whether there is also wear	x	x							
	Belt tension	x	x						x	
Air filter	Clean						x		x	
	Replace							x		
Cooling air suction slots	Clean	x								
Cylinder ribs	Clean		x		x					
Carburettor	Check idle speed (Belt must not run)	x								
	Adjust idle speed								x	
Spark plug	Readjust electrode gap						x			

	Replace									X
	Clean			X						
Accessible screws (except adjusting screws)	Tighten								X	

¹⁾ Functional test of the V-belt brake by specialist dealer according to the operating time:

- Full time: quarterly
- Part time: half-yearly
- Occasional use: once a year

Cleaning the air filter

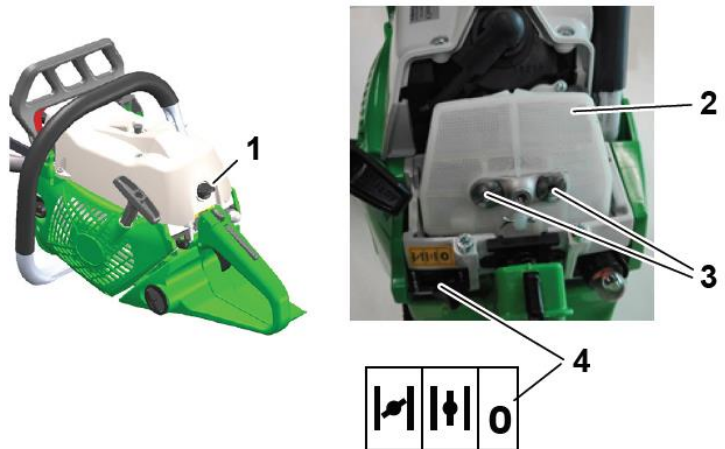


Fig. 19: Cleaning the air filter

If you remove the air filter cover, you have access to the air filter (see Fig. 19).

- > Set the stop switch (4) to the stop position 0.
- > Unscrew the ball handle (1) and remove the air filter cover.
- > Unscrew the nuts (3) and remove the air filter (2).

To remove the dust from the filter surface:

- > Gently tap one corner of the air filter against a solid surface.

To remove the dirt from the inside:

- > Open the air filter in the middle.
- > Brush the air filter with a benzine soaked brush or clean it with compressed air.

To reassemble the device:

- > Reassemble the parts in the reverse order.

Changing the carburettor filter

To keep the drive motor in good working order, you must change the carburettor filter (1) once a year.

- > Empty the tank.
- > Remove the carburettor filter (1) from the tank using a hook or long nose pliers.

Adjusting the carburettor

- > The carburettor was adjusted at the factory.
- > Before adjusting the carburettor, check that the air filters are clean. Otherwise, you will not be able to adjust the carburettor correctly.

ATTENTION

Damage to the carburettor!

If you overtighten the maximum speed adjustment screw (**H**) or the idle speed adjustment screw (**L**) of the carburettor (see Fig. 20 and Fig. 21), the carburettor will be damaged.

Tighten the adjusting screws only slightly.



Fig. 20: Carburettor adjusting screws on the motorised handheld device

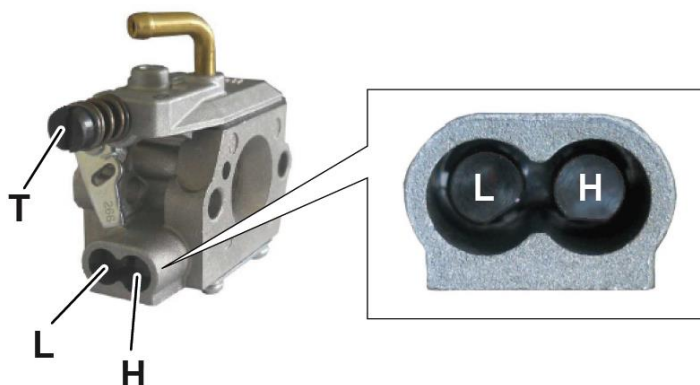


Fig. 21: Adjusting the adjusting screws on the carburettor

Required tools:

- a single-D screwdriver
- a device for measuring the rotational speed

Carburettor adjustment at minimum

- > Start the engine and let it run for a few minutes.
- > Use the single-D screwdriver and, with the engine running idle, turn the adjusting screw **L** slowly counter clockwise to set the engine to the lowest speed.
- > If the engine dies off, turn the adjusting screw **L** slightly back and start again.

- > Turn the adjusting screw **T** to set the engine to 4200 rpm.
- > Turn the adjusting screw **L** counter clockwise to set the engine to 3000 rpm.

Carburettor adjustment at maximum

- > Start the engine and let it run for a few minutes.
- > Bring the engine up to full speed a few times. Make sure that the V-belt is moving.
- > Accelerate the engine to full throttle and turn the adjusting screw **H** with the single-D screwdriver until a speed between 12,000 and 13,000 rpm is reached.

Replacing the starter cord



Fig. 22: Screws on the blower housing

- > Remove the four fixing screws (**1**) and the blower housing.

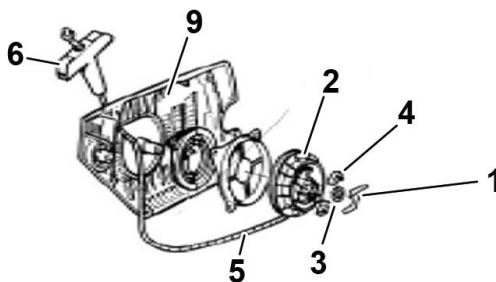
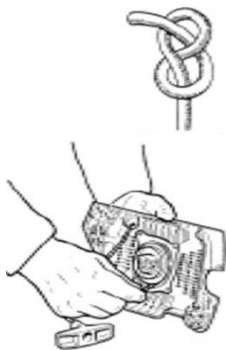


Fig. 23: Starting system

- > Using a screwdriver, remove the small spring (1), the washer (3) and the ratchet (4), then pull out the drum (2).
- > Remove the starter cord by unwinding it from the drum and undoing the knot.
- > Insert the new starter cord (5) (Ø 3.5 x 960 mm).
- > Attach the starter cord to the drum with a simple knot (2).
- > Pull the starter cord through the housing (9) and the engine starter handle (6) and then make a knot as shown in the figure.
- > Insert the starter cord into the notch in the washer (3) and turn it 7 turns clockwise.
- > Loosen the starter cord slowly. The starter cord is wound all the way around the pulley with the help of the previously wound spring.
- > Check that the spring is sufficiently wound. The engine starter handle must be well tightened.



If the engine starter handle is loose:

- > Wind up the spring by turning the washer a few turns.

When the starter cord is fully wound up:

- > Turn the pulley half a turn clockwise or block the drum and wind up the starter cord one turn.

Replacing the spring

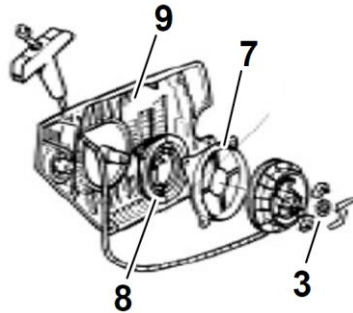


Fig. 24: Replacing the spring

- > Remove the drum as described in "Replacing the starter cord".
- > First remove the spring guard (7) and then the spring (8) from its seat in the housing (9).
- > Lubricate the spring and insert it in its seat with its spring guard (7) and washer (3).

Checking the spark plug

The distance between the electrodes of the spark plug must be 0.5 mm.

To keep the drive motor in good working order, you must clean and check the spark plug at least once a week. The spark plugs of 2-stroke engines have a relatively short service life. They must be changed once a month if used daily.

- > Use original Eder A56 spark plugs (order no: 310121).

Checking the starting system (without removing the flywheel)

If the device does not start up or splutters, you can check the starting system without removing the flywheel as follows:

- > Remove the spark plug.
- > Make contact between the removed spark plug and the engine body.
- > Then pull the engine starter handle.
- > If the engine starts up, the starting system is in order.

If the engine does not start up or splutters:

- > Have the carburettor checked by an authorized dealer.

Decommissioning and disposal

If the device 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.

To deactivate the device, proceed as follows:

- > Empty the fuel tank and run the engine until there is no more fuel.

When you dispose of the device or its components:

- > Observe the regulations of your country.

Storage

- > Only store the device in a dry environment.

Prepare for storage as follows:

- > Clean the device thoroughly with a dry cloth and lubricate the metal parts.
- > Empty the fuel tank and run the engine until there is no more fuel.

To prepare the cylinder for storage

- > Remove the spark plug and pour some 2-stroke oil into the cylinder.
- > Pull the starter cord with the engine starter handle slightly to turn the engine shaft a few times and distribute the oil in the cylinder.
- > Put the spark plug back in place.
- > You can now store the device.

Faults

If you cannot repair the device yourself, contact your dealer or an authorized repair shop.



Before contacting your dealer, an authorized repair shop or the manufacturer, please make a note of the data and the machine number on the nameplate. This information is required when solving problems or ordering spare parts. The nameplate is located on the top of the drive motor.

The following table lists possible errors, causes and their elimination.

You must comply with the safety regulations for all adjustment, cleaning, maintenance and repair work.

Fault	Cause	Elimination
V-belt slips	V-belt too loose	Tighten the V-belt
	V-belt has been lubricated or is soiled	Clean the V-belt and keep it free of grease and oil
V-belt twisted/bounces	V-belt too loose	Tighten the V-belt
	Device head twisted	Re-adjust the head on the support and tighten the Allen screw (see "Assembly" on page 18)
Wrong cutting depth/poor surface	Knives incorrectly adjusted	Re-adjust the knives
	Blunt knives	Resharpener / replace the knives
Engine splutters, dies off or smokes	Incorrect fuel mixture	Empty tank and use new mixture
	Air filter clogged	Clean/replace air filter
	Carburettor incorrectly adjusted	Re-adjust carburettor
Motor does not start	Spark plug sooty	Clean/replace spark plug
		Clean/replace air filter
	Carburettor incorrectly adjusted	Re-adjust carburettor

Technical data

Technical data	ESG- A56	EPH- A56	ERH- A56	EKH- A56	ERB- A56	EBFH- A56	ESF- A56	ETH- A56
Dimensions (L x W x H) [mm]	700 x 235 x 285	710 x 235 x 285	710 x 235 x 285	700 x 235 x 285	700 x 235 x 285	700 x 235 x 285	710 x 235 x 285	730 x 235 x 285
Weight [kg]	8.2	8.4	8.8	8.7	8.8	7.8	7.8	8.3
Number of knives	4	4	6	4	–	4	2	4
Working width [mm]	120	120	120	120	100	90	30	54
V-belt drive ratio	XPZ987							SPZ1024
Cubic capacity [cm³]	55.05							
Power [kW/PS]	3.0/4.1							
Minimum speed	2,800 rpm							
Permissible maximum speed	13,000 rpm							
Carburettor	Walbro diaphragm carburettor, digital primer							
Switching	digital							
Oil/fuel mixture tank capacity	0.65 l							
Sound pressure level LpA av - EN608 - ISO7182	99 dB (A)							
Acoustic performance LwA av - EN 608 - ISO9207	115 dB (A)							
Vibration level ISO7505	front handle: 3.0 m/s²							

Accessories and spare parts

Unsuitable accessories, consumables and spare parts can impair the function and safety and have the following consequences:

- Danger to persons
- Damage to the motorised handheld device
- Malfunctions of the motorized handheld device
- Failure of the motorised handheld device
- > Only use original spare parts, accessories and consumables.
- > Only use technically perfect accessories and original spare parts.

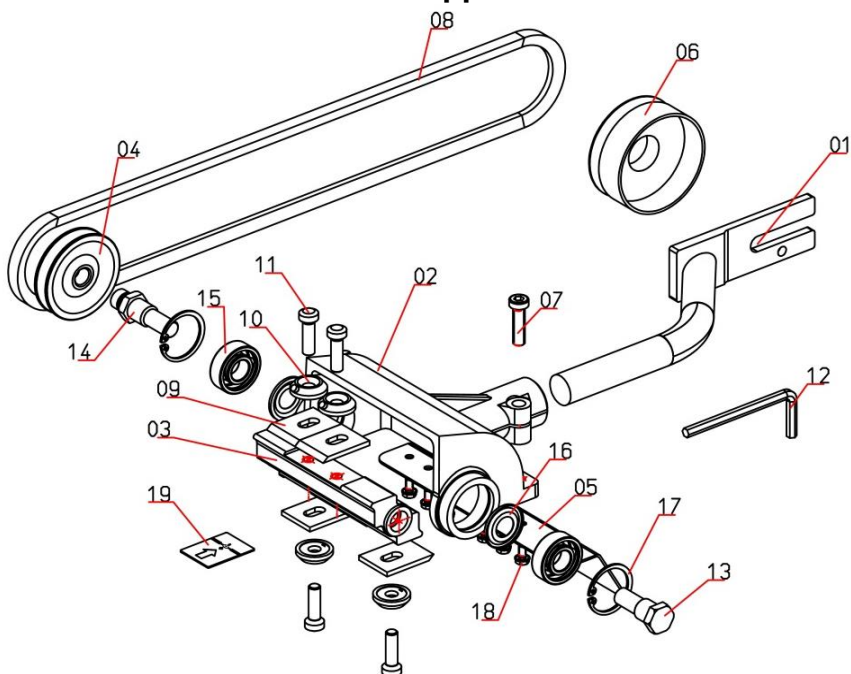
Drive motor

Order no.	Description
310122	Air filter
310121	Spark plug



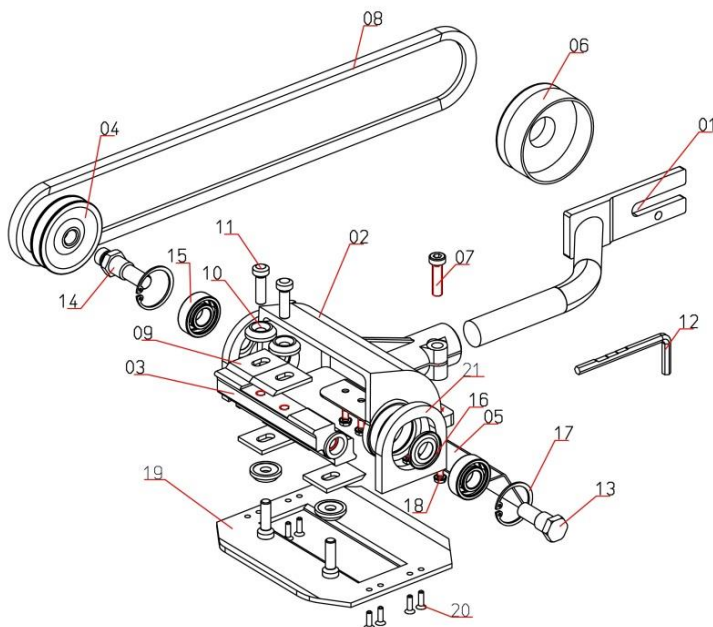
Other spare parts are available on request from your dealer.

EDER Bark Stripper Set ESG-A56



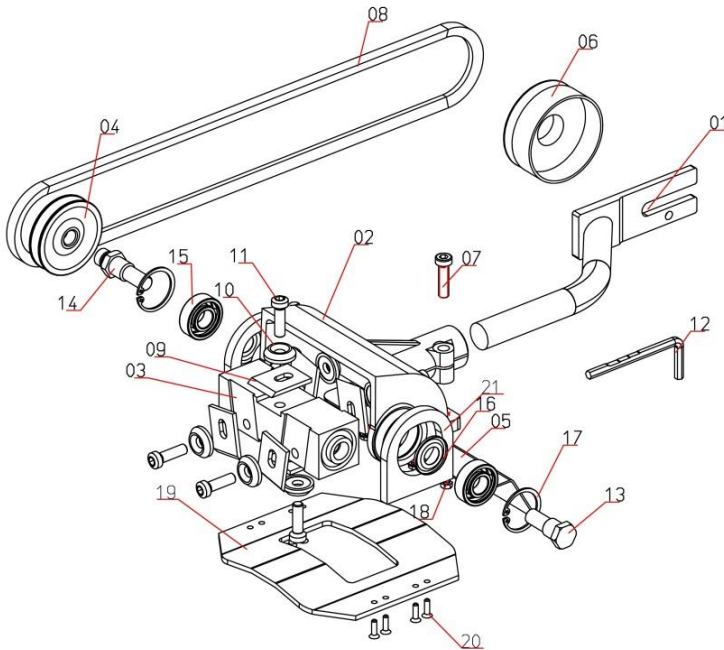
No.	Order no.	Description	No.	Order no.	Description
01	310007	Housing support	11	021100	Knife screw (4 x)
02	020200	Housing	12	021200	Allen wrench
03	020301	Cylinder	13	021300	Short bearing bolt
04	020400	V-belt pulley	14	021400	Long bearing bolt
05	020500	Protective plate	15	021500	Deep groove ball bearing (2 x)
06	310006Z	Clutch drum	16	021600	Sealing ring (2 x)
07	020700	Clamping screw	17	021700	Circlip (2 x)
08	020800	V-belt	18	021800	Protective plate fixing screw (6 x)
09	020900	Knife (4 x)	19	021900	Setting gauge
10	021000	Knife disc (4 x)			

EDER Flat Planer Set EPH-A56



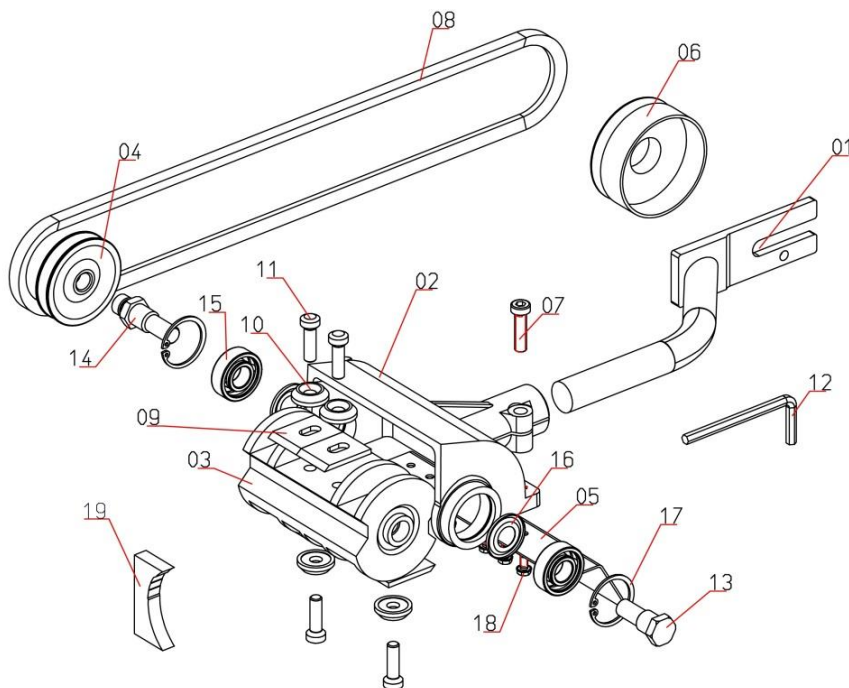
No.	Order no.	Description	No.	Order no.	Description
01	310007	Housing support	12	062000	Allen wrench
02	020200	Housing	13	021300	Short bearing bolt
03	020302	Cylinder	14	021400	Long bearing bolt
04	020400	V-belt pulley	15	021500	Deep groove ball bearing (2 x)
05	020500	Protective plate	16	021600	Sealing ring (2 x)
06	310006Z	Clutch drum	17	021700	Circlip (2 x)
07	020700	Clamping screw	18	021800	Protective plate fixing screw (6 x)
08	020800	V-belt	19	061900	Guide plate
09	020900	Knife (4 x)	20	060600	Mounting screw (8 x)
10	061400	Knife disc (4x)	21	060700	Guide plate suspension (2 x)
11	021100	Knife screw (4 x)			

EDER Curved Planer Set ERH-A56



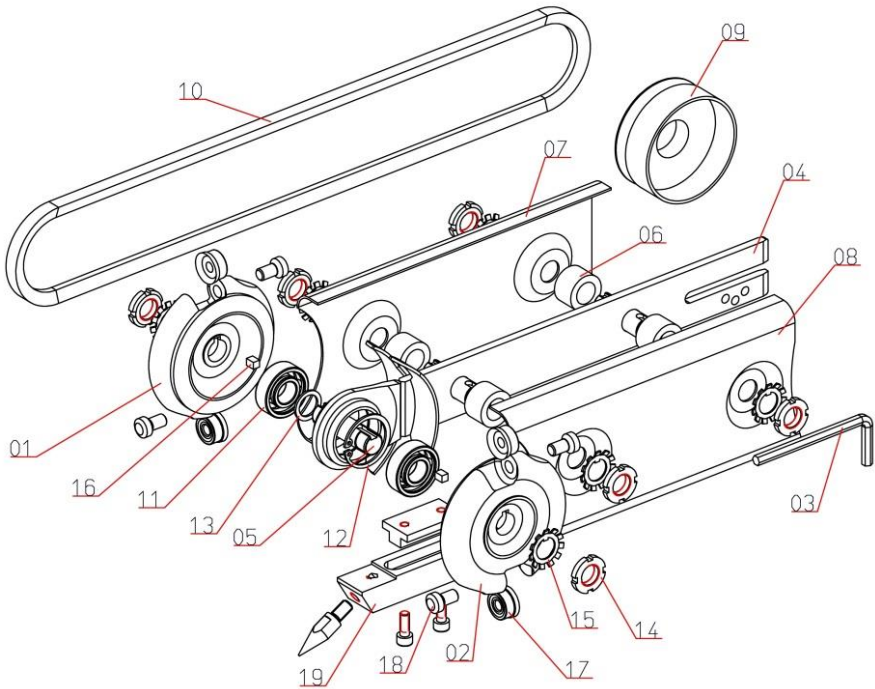
No.	Order no.	Description	No.	Order no.	Description
01	310007	Housing support	12	062000	Allen wrench
02	020200	Housing	13	021300	Short bearing bolt
03	071600	Cylinder	14	021400	Long bearing bolt
04	020400	V-belt pulley	15	021500	Deep groove ball bearing (2 x)
05	020500	Protective plate	16	021600	Sealing ring (2 x)
06	310006Z	Clutch drum	17	021700	Circlip (2 x)
07	020700	Clamping screw	18	021800	Protective plate fixing screw (6 x)
08	020800	V-belt SPZ 987	19	071900	Guide plate
09	020900	Knife (6 x)	20	060600	Mounting screw (8 x)
10	061400	Knife disc (6 x)	21	070700	Guide plate suspension (2 x)
11	021100	Knife screw (6 x)			

EDER Contour Planer Set EKH-A56



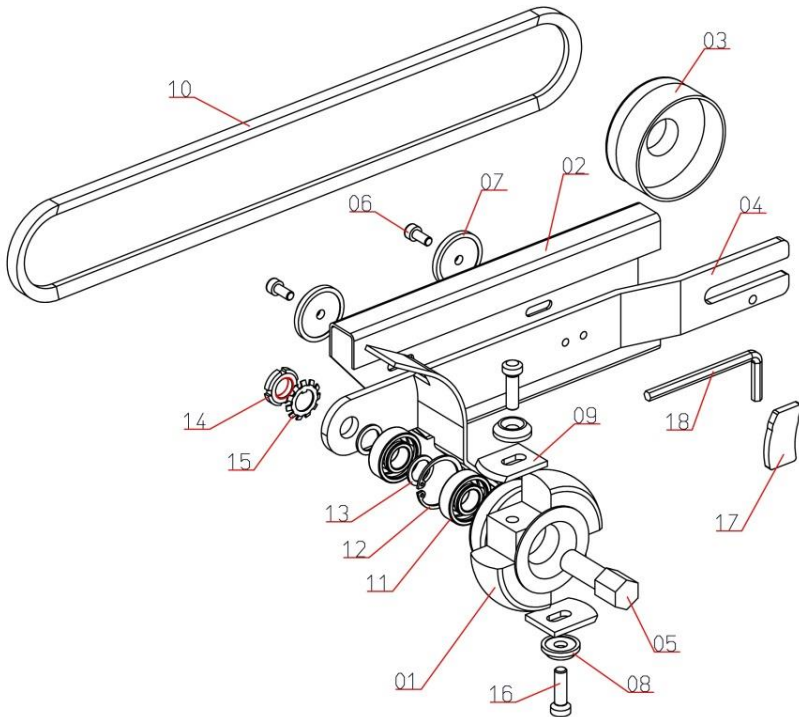
No.	Order no.	Description	No.	Order no.	Description
01	310007	Housing support	11	021100	Knife screw M8x25 (4 x)
02	020200	Housing	12	021200	Allen wrench
03	190300	Cylinder	13	021300	Short bearing bolt
04	020400	V-belt pulley	14	021400	Long bearing bolt
05	020500	Protective plate	15	021500	Deep groove ball bearing (2 x)
06	310006Z	Clutch drum	16	021600	Sealing ring (2 x)
07	020700	Clamping screw	17	021700	Circlip (2 x)
08	020800	V-belt	18	021800	Protective plate fixing screw (6 x)
09	020900	Knife (4 x)	19	191900	Knife gauge
10	061400	Knife disc (4 x)			

EDER Trough Cutter Set ETH-A56



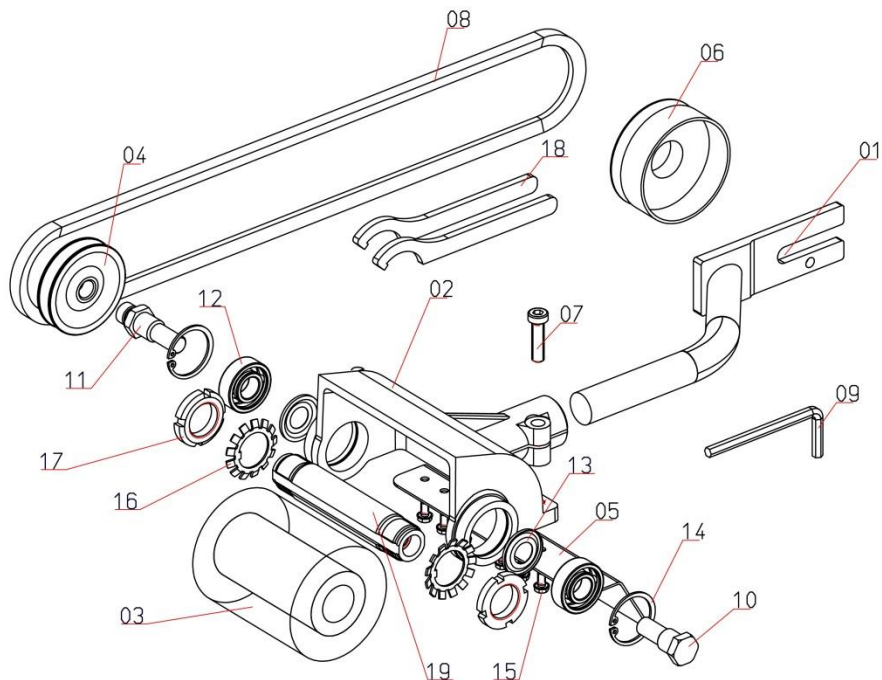
No.	Order no.	Description	No.	Order no.	Description
01	140100	Right milling head	11	021500	Deep groove ball bearing (2 x)
02	140200	Left milling head	12	021700	Circlip
03	021200	Allen wrench	13	031300	Support disc
04	370002	Base	14	031400	Shaft nut (6 x)
05	030500	Bearing shaft (3 x)	15	031500	Locking plate (6x)
06	030600	Spacer bushes (4 x)	16	031600	Feather key (2 x)
07	030700	Right protective plate	17	031700	Circular knife (4 x)
08	030800	Left protective plate	18	031800	Knife screw (4 x)
09	0206xx *	Clutch drum	19	141900	Guide block with tip
10	370001	V-belt			

EDER Carving Cutter Set ESF-A56



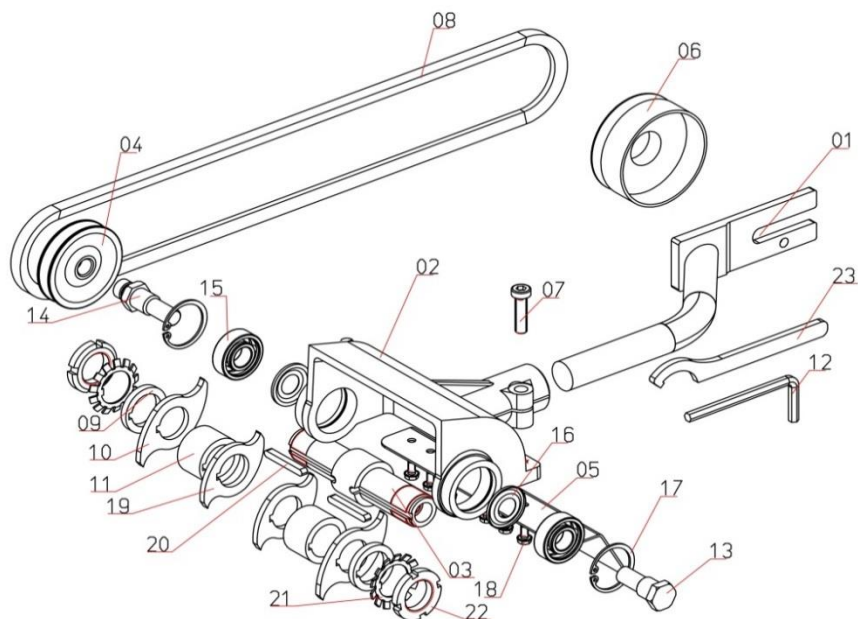
No.	Order no.	Description	No.	Order no.	Description
01	130100	Milling head with V-belt pulley	10	020800	V-belt
02	130200	Protective plate	11	021500	Deep groove ball bearing (2 x)
03	310006Z	Clutch drum	12	021700	Circlip (2 x)
04	360001	Base	13	031300	Support disc (2 x)
05	130500	Bearing shaft	14	031400	Shaft nut
06	130600	Protective plate fixing screw (2 x)	15	031500	Locking plate
07	130700	Washer (2 x)	16	021100	Knife screw (2 x)
08	061400	Knife disc (2 x)	17	131700	Knife gauge
09	130900	Knife (2 x)	18	021200	Allen wrench

EDER Wire Brush Set ERB-A56



No.	Order no.	Description	No.	Order no.	Description
01	310007	Housing support	11	021400	Long bearing bolt
02	020200	Housing	12	021500	Deep groove ball bearing (2 x)
03	150500	Wire brush	13	021600	Sealing ring (2 x)
04	020400	V-belt pulley	14	021700	Circlip (2 x)
05	020500	Protective plate	15	021800	Protective plate fixing screw (6 x)
06	310006Z	Clutch drum	16	150400	Locking plate (2 x)
07	020700	Clamping screw	17	150800	Shaft nut (2 x)
08	020800	V-belt	18	150700	Groove nut wrench (2 x)
09	021200	Allen wrench	19	150600	Shaft
10	021300	Short bearing bolt			

EDER Bark Beetle Cutter Set EBF-A56



No.	Order no.	Description	No.	Order no.	Description
01	310007	Housing support	13	021300	Short bearing bolt
02	020200	Housing	14	021400	Long bearing bolt
03	091600	Cylinder	15	021500	Deep groove ball bearing (2 x)
04	020400	V-belt pulley	16	021600	Sealing ring (2 x)
05	020500	Protective plate	17	021700	Circlip (2 x)
06	310006Z	Clutch drum	18	021800	Protective plate fixing screw (6 x)
07	020700	Clamping screw	19	091500	Inner knife (2 x)
08	020800	V-belt	20	092000	Feather key (2 x)
09	091400	Spacer washer (2 x)	21	301200	Locking plate (2 x)
10	091900	Outer knife (2 x)	22	301300	Shaft nut (2 x)
11	090600	Spacer (2 x)	23	092100	Groove nut wrench
12	021200	Allen wrench			

Declaration of conformity

The manufacturer: Eder Mechanical Engineering GmbH
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.

Main designation:	EDER Forestrytools	(Type ESG-A56)
Alternative accessories:	EDER Forestrytools	(Type EPH-A56)
	EDER Forestrytools	(Type ERH-A56)
	EDER Forestrytools	(Type EKH-A56)
	EDER Forestrytools	(Type ERB-A56)
	EDER Forestrytools	(Type ETH-A56)
	EDER Forestrytools	(Type ESF-A56)
	EDER Forestrytools	(Type EBF-A56)

Serial number: FT31-001000 and following

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

1. EN ISO 12100, Safety of machinery - General principles for design, risk assessment and risk reduction
2. Centrifugal force test according to DIN EN 847-1, Machine tools for woodworking - Safety requirements - Part 1: Milling and planing tools, circular saw blades

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.

Authorized person for the technical documentation: Michael Pögel

Wolfenbüttel, 10.09.2018

Ulrich Schrader, Managing Director

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