

Cutting machine for doctor blades

Operating Manual

Product name: CLOUTH DOCTOR CUT



Serial number:

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Cutting machine for doctor blades

Table of Contents

1	General information	4
1.1	Information about this manual	4
1.2	Explanation of symbols.....	4
1.3	Limitation of liability	4
1.4	Declaration of conformity according to Machinery Directive 2006/42/EC:	5
1.5	Copyright.....	5
1.6	Warranty and liability	5
2	Safety	5
2.1	Intended use.....	5
2.2	General hazards	5
2.3	Operator responsibility	6
2.4	Personnel qualification	6
2.4.1	Operating personnel.....	6
2.4.2	Maintenance personnel.....	6
2.5	Safety markings	6
2.6	Personal protective equipment	7
2.7	Protective Devices.....	7
2.8	Protection against re-energization	7
2.9	Behavior in case of emergency	8
3	Environmental protection	8
4	Technical data.....	8
4.1	Presentation of technical data	8
4.2	Technical data in detail.....	8
5	Structure and function	9
5.1	Machine description.....	9
5.2	Overview	9
5.3	Scope of delivery.....	10
5.4	Process or functional description	10
5.5	Description of assemblies	10
5.5.1	Frame with enclosure and protective devices.....	10
5.5.2	Control cabinet.....	10
5.5.3	Drive and cutting blade assembly (WEG spur gear motor)	11
5.5.4	Cutting blade assembly	11
5.6	Displays and controls	12
6	Operating mode	12
7	Optional accessories	12

Cutting machine for doctor blades

8	Transport	13
8.1	Transport inspection.....	14
8.2	Packaging	14
8.3	Storage	14
9	Installation and initial commissioning.....	14
9.1	Requirements for the installation site	14
9.2	Preparations	15
9.3	Installation	15
9.4	Connecting.....	15
9.5	Initial startup	15
9.6	Operation and use	15
9.7	Preparations before use	16
9.8	Normal operation	16
9.8.1	Special actions	16
9.8.2	Tasks after use	16
9.8.3	Cleaning.....	17
10	Maintenance.....	18
10.1	Maintenance schedule	18
10.2	Maintenance tasks	19
11	Possible malfunctions and corrective actions	20
12	Spare and wear parts.....	21
13	Disassembly, Disposal	21

List of Figures

Figure 1: Overview.....	9
Figure 2: Frame with enclosure and protective devices	10
Figure 3: Control cabinet	10
Figure 4: Drive and cutting blade assembly	11
Figure 5: Displays and controls	12
Figure 6: Optional accessories	12
Figure 7: Space requirements	14
Figure 8: Operating steps	15
Figure 9: Manual removal of doctor blade residue	18

Cutting machine for doctor blades

1 General information

1.1 Information about this manual

This manual contains important information for the safe and proper use of the CLOUTH DOCTOR CUT shredding machine. It is intended for all personnel responsible for assembly, commissioning, operation, cleaning, and maintenance of the machine.

The CLOUTH DOCTOR CUT is specifically designed to shred used doctor blades, coater blades, and creping blades made of metal and plastic, enabling their safe and environmentally responsible disposal.

Please keep this manual in a safe place so that it is always available for future use, maintenance, or servicing.

1.2 Explanation of symbols

In this manual, the following icons are used.



DANGER!

Type and source of hazard!

A failure to comply with a danger notice with the signal word “Danger” will cause death or extremely serious injuries.

Take this measure to prevent the danger.



WARNING!

Type and source of hazard!

A failure to comply with a danger notice with the signal word “Warning” can cause death or extremely serious injuries.

Take this measure to prevent the danger.



CAUTION!

Type and source of hazard!

A failure to comply with a danger notice with the signal word “Caution” can cause injuries.

Take this measure to prevent the danger.



NOTE:

A “Note” indicates additional information to work easier and better, or provides notes for using the CLOUTH DOCTOR CUT.

1.3 Limitation of liability

The manufacturer is not responsible for any damages resulting from improper use or failure to follow the instructions provided in this manual.

Cutting machine for doctor blades

1.4 Declaration of conformity according to Machinery Directive 2006/42/EC:

Certificate stating that the CLOUTH DOCTOR CUT complies with the essential requirements of the Machinery Directive 2006/42/EC.

1.5 Copyright

This manual is protected by copyright. Reproduction or distribution to third parties is permitted only with the express authorization of the manufacturer.

1.6 Warranty and liability

All business relations with our customers are governed exclusively by our General Terms and Conditions (GTC). These are available at [<https://www.clouth.com/de/mediathek/allgemeine-geschaftsbedingungen>] or can be provided upon request.

Deviating terms and conditions of the purchaser shall not become part of the contract unless we have expressly agreed to their validity in writing.

2 Safety

2.1 Intended use

The CLOUTH DOCTOR CUT is a cutting machine specifically designed for the safe disposal of used doctor blades, coater blades, and creping blades made of plastic or metal. This machine is intended exclusively for cutting doctor blades, coater blades, and creping blades in their full length, with a maximum width of 125 mm and a maximum hardness of 60 HRC. The maximum permissible thickness of the blades depends on the material used (see the table below).

Material	Maximum blade thickness with/without rivets
plastic (non-reinforced)	≤ 6,0 mm
plastic (fiber-reinforced)	≤ 3,0 mm
Metal	≤ 1,3 mm (max. hardness of 60 HRC)

Doctor blades must only be inserted into the machine one at a time. The simultaneous insertion of multiple doctor blades, whether stacked, overlapped, or placed side by side, is strictly prohibited.

Do not modify the machine or any of its components. Unauthorized modifications may create hazards that are not adequately addressed by the existing safety systems.

Proper use of the machine requires strict adherence to all instructions provided in this manual. This includes all maintenance, servicing, and cleaning procedures, as well as compliance with the technical specifications. Any use beyond the scope described in this manual is considered improper. The manufacturer accepts no liability for damage resulting from improper use. All associated risks are the sole responsibility of the operator. Maintenance, servicing, and troubleshooting must only be performed by personnel who are trained and authorized by the operator.

2.2 General hazards



WARNING!

- Risk of injury from sharp doctor blades during feeding.
Never grasp the doctor blade directly; always handle it from the blunt side or rivet side.
- Risk of entanglement or entrapment by moving parts.
Wear close-fitting and cut-resistant protective clothing.
- Improper handling may result in life-threatening electric shock.

Cutting machine for doctor blades

2.3 Operator responsibility

The operator is responsible for:

- Ensuring compliance with all applicable safety regulations and the regular maintenance of this machine.
- Conducting a risk assessment to identify workplace hazards.
- Defining and implementing necessary protective measures, including safety signage.
- Ensuring the safety and health of employees during the use of work equipment.
- Providing operating instructions to the operating personnel.
- Complying, within the European Union, with EU Directive 89/391/EEC on the “Improvement of the safety and health of workers at work” as well as national regulations (e.g., in Germany, the Ordinance on Industrial Safety and Health (BetrSichV)).

2.4 Personnel qualification

The operator must ensure that only appropriately qualified and authorized personnel work on this machine. The operator is responsible for ensuring that operating and maintenance personnel possess the necessary qualifications. Personnel must be at least 15 years of age. All persons working with or on the machine must have read and understood this operating manual. The operator must document in writing that the operating and maintenance personnel have acknowledged this manual and that regular training sessions have been conducted.

2.4.1 Operating personnel

Operating personnel must receive adequate training before starting work, including the nature and scope of their specific tasks and any potential hazards. Training must be conducted on a regular basis (at least once per year).

2.4.2 Maintenance personnel

Maintenance and repair personnel must be qualified and:

- adequately trained for the specific tasks they are to perform, and
- familiar with and compliant with relevant technical regulations and safety standards.

A person is considered qualified if, based on their professional training and experience, as well as knowledge of applicable regulations, standards, and safety rules, they are capable of performing the required tasks and identifying and avoiding potential hazards.

2.5 Safety markings

Safety signs may be affixed to the machine to indicate hazardous areas or to instruct the use of personal protective equipment. Missing or illegible safety signs must be replaced by the operator without delay.

Cutting machine for doctor blades

2.6 Personal protective equipment

When working with the machine, the personal protective equipment (PPE) provided by the operator must be worn at all times



Use Hand Protection!

Hazards from sharp doctor blades.
Protect your hands by wearing cut-resistant gloves.



Wear Safety Glasses!

Risk of eye injury and loss of vision due to flying debris.
Protect your eyes by wearing safety glasses.



Wear Hearing Protection!

Hearing damage may occur without hearing protection!
Wear hearing protection when near the machine or loud noise sources, such as during maintenance work.



Use Foot Protection!

Risks of slipping on slippery surfaces, injuries from sharp doctor blades, or falling objects!
Protect your feet by wearing safety shoes.

2.7 Protective Devices

The machine may only be operated if all protective devices are fully functional. Removing, bypassing, and/or disabling these protective devices is not permitted. The operator is responsible for ensuring that the protective devices are always maintained in a functional condition.

The CLOUTH DOCTOR CUT is equipped with the following protective devices:

- **Feed piece in front of the feed guide**
Protects against the ingress of limbs into the shredding area.
- **Protective hood**
Prevents access to the feed rollers (knurled rollers), cutting mechanism, and belt drive.
- **Protective door (front) and protective covers (right, left, top, and rear)**
Prevent access to the machine's discharge area.
- **Safety switch**
Interrupt the power supply to the drive when the protective hood or safety door is opened

2.8 Protection against re-energization

Before performing maintenance and cleaning work, the CLOUTH DOCTOR CUT must be disconnected from the power supply and secured against unintentional re-energization. The power plug must be unplugged, even if the emergency stop button has been activated.

Cutting machine for doctor blades

2.9 Behavior in case of emergency

In case of danger, the machine must be shut down immediately. Any detected defects must be repaired immediately by a qualified specialist authorized by the operator.

3 Environmental protection

When disposing of the CLOUTH DOCTOR CUT, the applicable national environmental regulations in the operator's country must be observed.

4 Technical data

4.1 Presentation of technical data

PRODUCT NAME	CLOUTH DOCTOR CUT
TYP	cutting machine for doctor blades
OPERATION MODE	Electric
POWER SUPPLY	400-500V AC / 50-60 Hz
RATED POWER P	3,5 kW / 436Nm
RATED CURRENT IN	7 A
MAXIMUM FUSE	16 A gL/gG
MAXIMUM SHORT-CIRCUIT CURRENT	5 kA
WEIGHT	350 kg
LENGTH	1477 mm
WIDTH WITH CLOSED CONTROL CABINET	1110 mm
HEIGHT	1622 mm

4.2 Technical data in detail

- Product name: CLOUTH DOCTOR CUT
- Specific features and areas of application:
This machine is designed exclusively for cutting doctor blades, coater blades, and creping blades in their full length, with a width of up to 125 mm and a maximum hardness of 60 HRC.
The maximum permissible thickness of the blades depends on the material used.

Cutting machine for doctor blades

5 Structure and function

5.1 Machine description

The mechanical components of the machine are reliably enclosed by a protective cover. The centrally positioned feed unit first guides the doctor blade to be cut into the feed rail and then into the cutting area. Operation is performed via ergonomically arranged control elements located on the control cabinet (see Chapter 5.6). The cutting unit of the CLOUTH DOCTOR CUT is mounted on a stable frame, which is enclosed with PCS panels and provides effective protection against flying fragments from the cut doctor blades. The frame is designed to accommodate a suitable collection container (see Chapter 7) and features a safety door that allows for quick and safe container replacement.

5.2 Overview

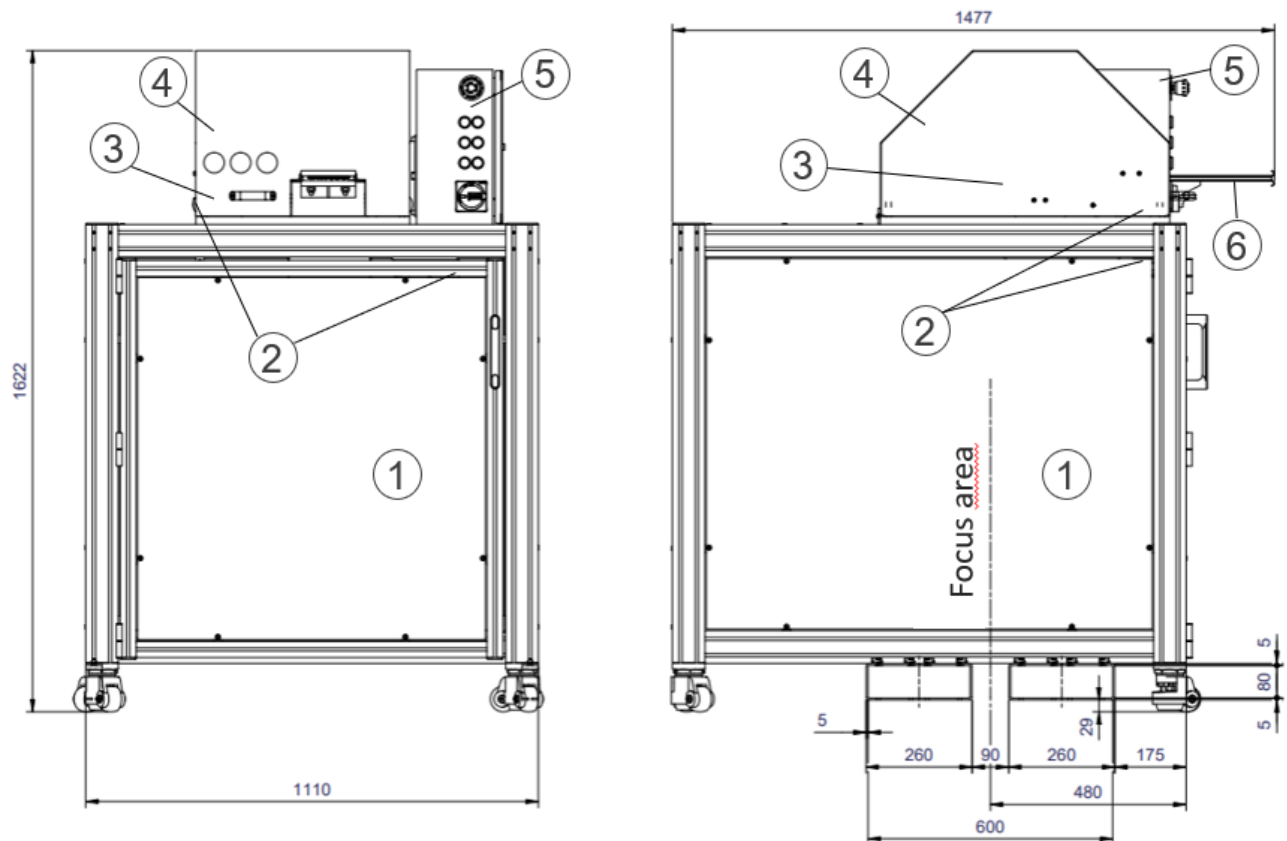


Figure 1: Overview

ITEM	DESCRIPTION
1	Front safety door with protective covers (on the right, left, top, and rear sides)
2	Safety position switches interrupt the power supply to the drive when the protective hood or safety door is opened.
3	Mechanical section (drive assembly with cutting unit)
4	Protective hood
5	Control cabinet with operating elements , see chapter 5.6
6	Feed guide in front of the feed rail

Cutting machine for doctor blades

5.3 Scope of delivery

- CLOUTH DOCTOR CUT
- Operating manual

5.4 Process or functional description

The CLOUTH DOCTOR CUT is electrically operated. Operation is manual in combination with automated cutting processes inside the machine.

The used doctor blade is manually inserted by the operator into the designated feed unit.

The blade must be pushed forward until it reaches the stop edge of the feed rail.

Once the blade is correctly positioned, it is engaged by the automatic feed system and transferred into the cutting area, where it is cut by the cutting mechanism.

5.5 Description of assemblies

5.5.1 Frame with enclosure and protective devices

Protective devices – see chapter 2.7



Figure 2: Frame with enclosure and protective devices

5.5.2 Control cabinet

Electrical equipment

The control elements are mounted on the side of the control cabinet, see chapter 5.6.

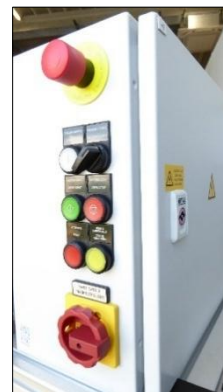


Figure 3: Control cabinet

Cutting machine for doctor blades

5.5.3 Drive and cutting blade assembly (WEG spur gear motor)

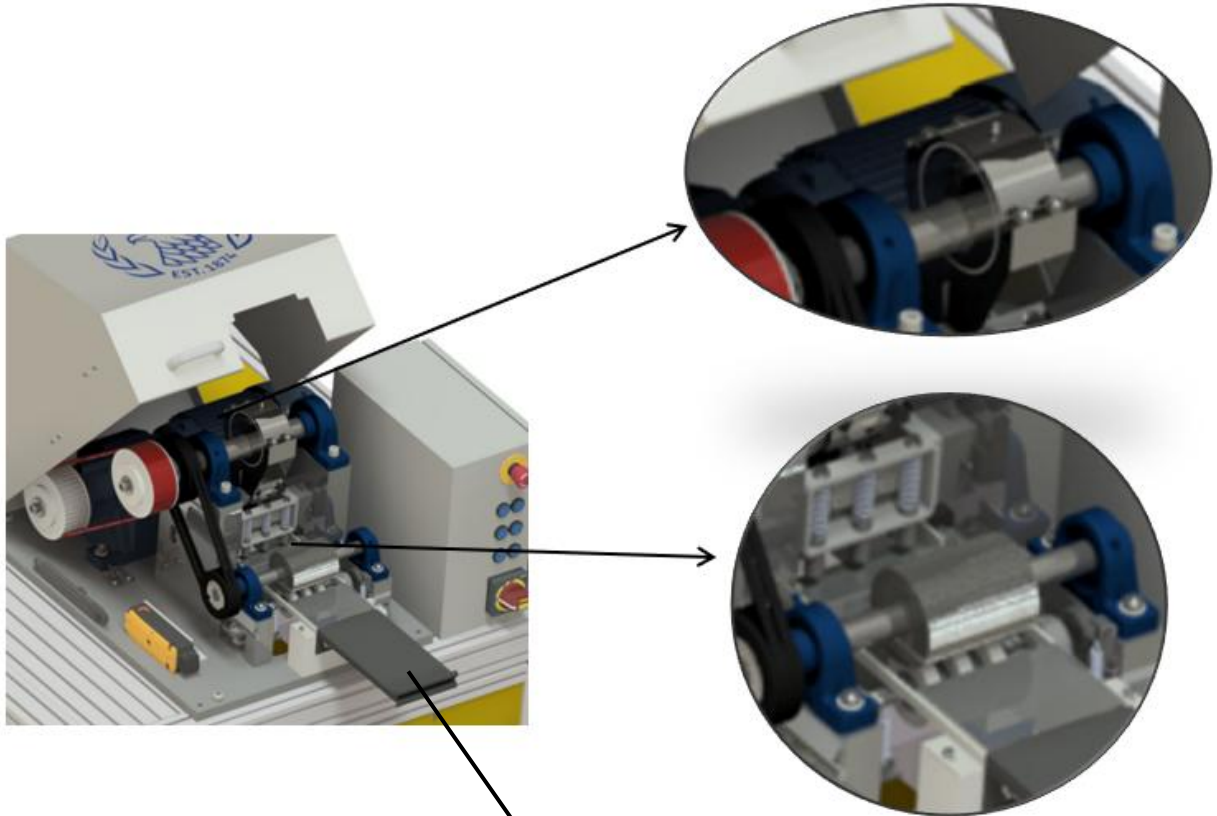
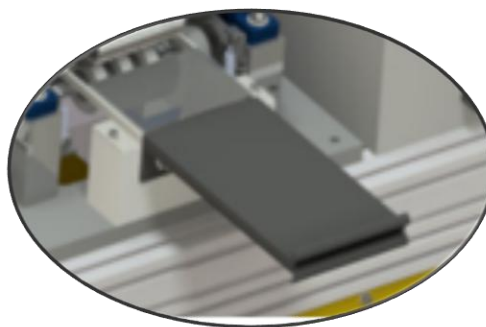


Figure 4: Drive and cutting blade assembly

5.5.4 Cutting blade assembly

Feed guide in front of the feed rail



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5.6 Displays and controls

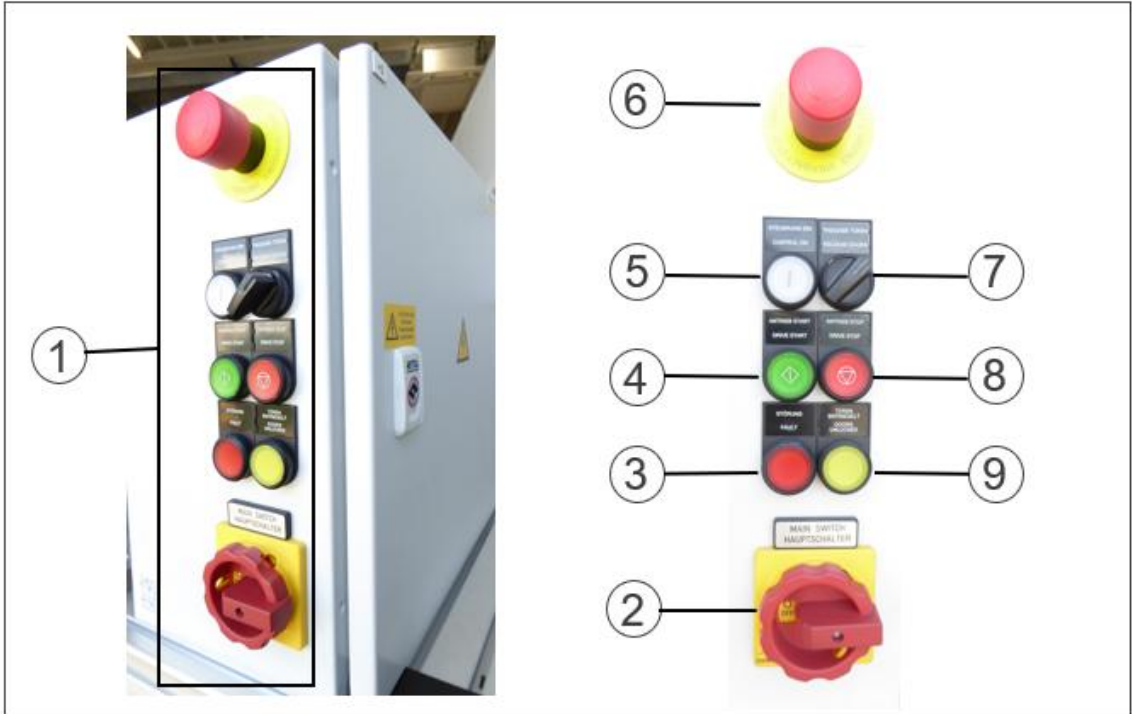


Figure 5: Displays and controls

ITEM	DESCRIPTION
1	Control elements
2	Main switch
3	Fault
4	Drive START
5	Control ON
6	Emergency stop switch
7	Release doors
8	Drive STOP
9	Doors unlocked

6 Operating mode

Before connecting the CLOUTH DOCTOR CUT, ensure that the mains voltage in your region matches the specifications on the nameplate. Connect the product to the power outlet only when it is switched off.

7 Optional accessories

Collection container / forklift box trolley

The forklift-compatible container cart is available as optional equipment and can be ordered separately (see Chapter 12). It is equipped with forklift pockets and castors, making it easy to transport.



Figure 6: Optional accessories

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8 Transport



NOTE:

During in-plant transport of the CLOUTH DOCTOR CUT, the following safety precautions must be observed to prevent damage to the product and injury to personnel:

- **Suitable transport equipment:**

Only use suitable transport equipment that is rated for the weight and dimensions of the CLOUTH DOCTOR CUT.

The machine is equipped with integrated forklift pockets, allowing it to be transported using a forklift truck. Ensure that the forklift forks are properly positioned and fully inserted beneath the forklift pockets to guarantee safe lifting and stable transport.

Always verify that the transport equipment used is in proper working condition and has been regularly maintained.

- **Safe handling:**

Wear appropriate personal protective equipment, see Chapter 2.6.

- **Transport securing:**

Secure the CLOUTH DOCTOR CUT on the transport equipment to prevent slipping or tipping during transport. Use suitable lashing equipment and take the center of gravity into account.

- **Transport routes:**

Select suitable transport routes that are free of obstacles and uneven surfaces. Ensure adequate lighting and proper marking of the transport paths.

- **In-house traffic regulations:**

Observe internal traffic rules and speed limits. Watch out for pedestrians and other vehicles.

- **Caution in narrow areas:**

Be especially careful when transporting the CLOUTH DOCTOR CUT through narrow passages. Use a spotter if necessary.

- **Protection from damage:**

Protect the CLOUTH DOCTOR CUT from impacts, vibrations, and other external influences during transport. Make sure no other objects can fall onto the machine.

- **Transport on wheels**

The CLOUTH DOCTOR CUT can be manually moved on its integrated castors when the rubber feet are raised.

The following safety instructions must be strictly observed during transport:

- Transport must be carried out **slowly and with caution**.
- **At least two people** must be involved—one to push and one to guide or secure the machine.
- Pay special attention to uneven floors, thresholds, or inclines, and maintain full control of the machine at all times.
- After transport, lower the rubber feet to park the CLOUTH DOCTOR CUT securely and stably, and to prevent it from rolling away.



Cutting machine for doctor blades



NOTE:

If you have any questions or uncertainties regarding transport, please contact the manufacturer.

8.1 Transport inspection

Before transport, the CLOUTH DOCTOR CUT must be inspected for any damage.

8.2 Packaging

Wooden transport crate

8.3 Storage

Store the CLOUTH DOCTOR CUT in a dry, clean, and level area.

9 Installation and initial commissioning



NOTE:

Installation and initial commissioning must only be carried out by qualified and authorized personnel.

9.1 Requirements for the installation site

The CLOUTH DOCTOR CUT must be installed according to the following requirements:

The installation site must:

- be located **indoors**,
- be **dry**,
- be **completely level**,
- have a **solid and load-bearing floor**.

Space requirements

The CLOUTH DOCTOR CUT must be installed so that the longest doctor blade to be cutted can be easily laid out lengthwise in front of the machine. The following illustration defines the minimum required space for the installation of the CLOUTH DOCTOR CUT.

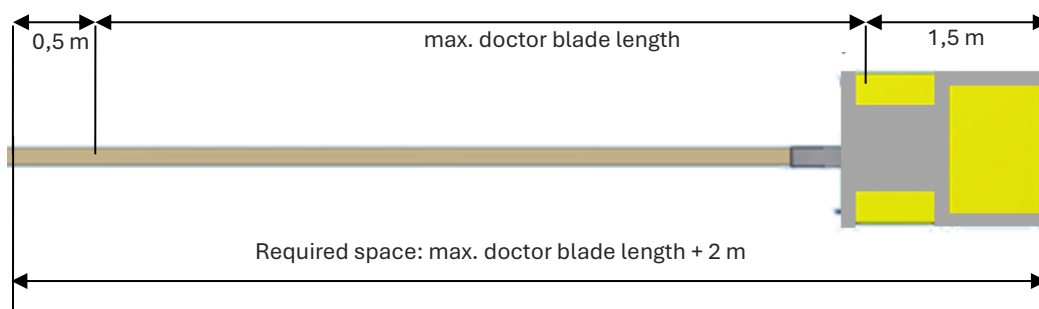


Figure 7: Space requirements

Cutting machine for doctor blades

9.2 Preparations

- Check the delivery contents
- Clean the installation site

9.3 Installation

- After positioning, the CLOUTH DOCTOR CUT must be lowered onto its rubber feet to ensure a secure and stable placement and to prevent unintended rolling.

9.4 Connecting

- Insert the power plug into a properly grounded socket outlet.
- Make sure the machine's main switch is in the "OFF" position before connecting power.
- Switch on the machine – check whether the status indicator is illuminated.

9.5 Initial startup

After electrical connection, the following functions must be tested:

- **Emergency stop switch:** Does it properly shut down the machine?
- **Safety devices:** Are protective covers, door interlocks, and shutdown sensors active?
- **Idle operation:** Run the machine in idle mode and check for unusual noises or vibrations.

9.6 Operation and use



WARNING!

Risk of cuts when handling doctor blades!

Protect your hands by wearing cut-resistant safety gloves.

Never grip the doctor blade around its edge – always handle it from the blunt side / rivet side.

Operating steps:

Please observe the following steps before starting the machine:

1. **Reset the emergency stop switch**
The E-stop must be in the reset position.
2. **Power on the main switch**
Switch the main switch to "ON".
3. **Black Switches "DOOR RELEASE"**
For normal machine operation, set the switch to "Lock".
Before maintenance or cleaning, set the switch to "Unlock".
4. **White Button – Activate Control System**
When the indicator light is illuminated white, press "CONTROL ON".
5. **Green Button - Control system ON / Start machine**
Once initialization is complete, press the "DRIVE START" button to start the machine.

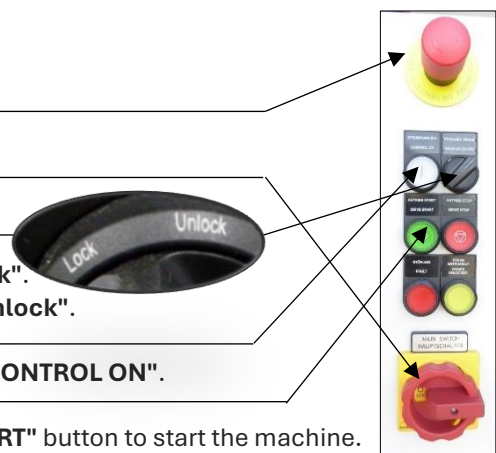


Figure 8:
Operating steps

Insert the doctor blade individually and straight into the hopper until it reaches the feed device.
The CLOUTH DOCTOR CUT operates automatically until the doctor blade is completely cutted.



CAUTION!

Risk of cuts!

As soon as the feeder mechanism has gripped the doctor blade, release the doctor blade and move to a safe distance.

Cutting machine for doctor blades

- The automatic feed unit transports the doctor blade to the rotating cutting mechanism. The doctor blade is completely shredded into 150–160 mm segments in the process.
- Once the cutting process is complete, the next doctor blade can be inserted (repeat operating steps)
- Press the "OFF" button to stop the CLOUTH DOCTOR CUT.
- After completing work on the CLOUTH DOCTOR CUT, the main switch must be set to the 'OFF' position. For safety reasons, the EMERGENCY STOP button must also be activated (pressed).

9.7 Preparations before use

- Visual inspection of the CLOUTH DOCTOR CUT
- Functional check of the CLOUTH DOCTOR CUT and the safety devices

9.8 Normal operation

The execution of normal operation of the CLOUTH DOCTOR CUT is the sole responsibility of the operator. Care must be taken to ensure that the CLOUTH DOCTOR CUT is used exclusively for its intended purpose.



NOTE:

The manufacturer of the CLOUTH DOCTOR CUT assumes no responsibility for damages or injuries resulting from improper use or failure to follow the operating instructions.

9.8.1 Special actions



WARNING!

Risk of injury from moving parts

- Maintenance and cleaning work may only be carried out when the machine is **switched off** and **at a standstill** to avoid injury from moving parts.
- The **black "DOOR RELEASE" switch** can only be unlocked when the machine is **powered on**. Once the switch is set to **"Unlock"**, the hood and door can be opened.
- **Before starting any work**, the machine must be **disconnected from the power supply** and secured to prevent it from being accidentally turned on.

9.8.2 Tasks after use

- Cleaning of the CLOUTH DOCTOR CUT, see chapter 9.8.3
- Visual inspection for damage or wear.

Cutting machine for doctor blades

9.8.3 Cleaning



WARNING!

Risk of injury from moving parts!

- **Cleaning of the CLOUTH DOCTOR CUT may only be carried out when the machine is switched off and at a standstill** to avoid injury from moving parts.
- The **black "DOOR RELEASE" switch** can only be unlocked when the machine is powered on. Once the switch is set to **"Unlock"**, the hood can be opened.
- **Before starting any work**, the machine must be disconnected from the power supply and secured to prevent it from being accidentally switched on.

To clean deposits and dirt from the mechanism and feed unit, dry compressed air can be used. Plastic parts can be easily cleaned with a lint-free, slightly damp cloth. Do not use solvents, as they may damage the surfaces. Cleaning with a high-pressure cleaner is not permitted. The ingress of water can cause severe damage to electrical components.



CAUTION!

Hazard due to fluids and flying debris!

- Wear appropriate personal protective equipment during cleaning, see chapter 2.6.

Explanation:

- **Effective cleaning:**
 - Regular and thorough cleaning of the insertion unit of the CLOUTH DOCTOR CUT should be performed using low-pressure compressed air. This effectively removes deposits and dirt.
- **Drying:**
 - Thoroughly dry the CLOUTH DOCTOR CUT after cleaning to prevent corrosion.
- **Disposal of cuttings:**
 - Open the front door.
 - Pull out the collection container / pallet box cart.
 - Empty cut material into the designated disposal containers.
 - Slide the container back under the CLOUTH DOCTOR CUT.
 - Close the front door.
- **Documentation:**
 - Regular cleaning of the CLOUTH DOCTOR CUT must be included in the maintenance schedule.

Manual removal of doctor blade residue:

Procedure:

- Open the cover.
- To remove material, turn the screw on the right side of the roller suspension clockwise using a hex key (size 8 mm) to loosen and remove the stuck material.
- Then tighten the screw again by turning it counterclockwise with the hex key (size 8 mm).

Cutting machine for doctor blades

- Close the cover.

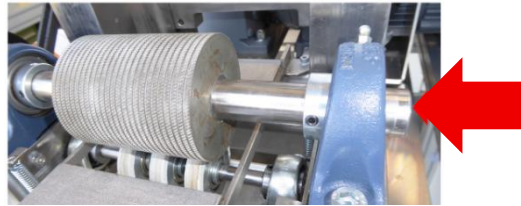


Figure 9: Manual removal of doctor blade residue

10 Maintenance

Maintenance may only be performed by qualified and authorized personnel. See chapter 2.4.



WARNING!

Risk of injury from moving parts

- **Maintenance of the CLOUTH DOCTOR CUT may only be carried out when the machine is switched off and at a standstill** to avoid injury from moving parts.
- The **black "DOOR RELEASE" switch** can only be unlocked when the machine is powered on. Once the switch is set to **"Unlock"**, the hood can be opened.
- **Before starting any work**, the machine must be disconnected from the power supply and secured to prevent it from being accidentally switched on.
- **Wear appropriate personal protective equipment (PPE) during maintenance** as specified in chapter 2.6.

Explanation:

- **Manufacturer recommendations:**
 - The manufacturer's recommendations serve as guidelines for maintenance intervals.
 - Depending on operating conditions, more frequent maintenance may be necessary.
- **Maintenance schedule:**
 - The maintenance schedule includes all relevant maintenance tasks, intervals, and responsibilities.
 - The performed maintenance work is documented by the operator.



NOTE:

- The manufacturer of the CLOUTH DOCTOR CUT assumes no responsibility for damages resulting from improper maintenance or failure to follow the manufacturer's recommendations.

10.1 Maintenance schedule

Maintenance of the CLOUTH DOCTOR CUT must be included by the operator in the maintenance schedule. Perform these tasks at regular intervals on the CLOUTH DOCTOR CUT to maintain functionality and extend its service life. Operating with damaged or foreign parts compromises operational safety, posing a risk of injury and potential property damage.

Cutting machine for doctor blades

Explanation:

- **Responsibility of the operator:**
 - The operator is responsible for integrating the CLOUTH DOCTOR CUT into their existing maintenance schedule.
 - This ensures smooth operation and the longevity of the product.
- **Maintenance schedule:**
 - A comprehensive maintenance schedule must include all relevant maintenance tasks, intervals, and responsibilities.
 - Documentation of performed maintenance work is of great importance.
- **Manufacturer recommendations:**
 - The manufacturer's maintenance recommendations must be strictly followed.
 - Non-compliance may result in the loss of warranty claims.
- **Warranty void:**
 - Failure to comply with the manufacturer's maintenance recommendations can void the warranty for the CLOUTH DOCTOR CUT.
 - This means the manufacturer will not be liable for damages caused by inadequate maintenance.



NOTE:

- The manufacturer's maintenance recommendations must be followed, and all performed work must be documented.
- If there are any questions regarding the maintenance of the CLOUTH DOCTOR CUT, the operator may contact the manufacturer.

10.2 Maintenance tasks



WARNING!

Risk of injury from moving parts

- Before starting maintenance work, the machine must be disconnected from the power supply and secured against unintended restart.
- Wear appropriate personal protective equipment (PPE) during maintenance work; see chapter 2.6.

To ensure smooth operation, we recommend performing a visual inspection for contamination and damage before use. The operating personnel are responsible for this.

Maintenance of the CLOUTH DOCTOR CUT is carried out according to the manufacturer's maintenance schedule. The manufacturer recommends the following maintenance intervals:

- **Before each use:**
 - Inspect the CLOUTH DOCTOR CUT for damage or wear.
 - Pay special attention to safety devices, electrical connections, and the blade holder.
- **After each use:**
 - Clean the blade insertion piece by removing dirt and deposits using appropriate compressed air.
- **Every six months:**
 - Monitor the level of contamination; recommendation: regular cleaning of the systems to ensure smooth operation.
 - Inspect the CLOUTH DOCTOR CUT for damage or wear.
- **Cleaning:**
 - Regularly remove dirt from the insertion piece. This can be done using dry compressed air with a low air pressure.

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- **Function check:**
 - Verify the correct operation of all components, including safety devices, blade insertion piece, and controls.
- **Lubrication:**
 - Moving parts of the machine should be lubricated regularly to minimize wear and ensure smooth operation.
Recommended lubricant: CLP ISO VG 220.
The gearbox is sealed and lubricated for life.
- **Electrical inspection:**
 - Check all connections, especially those related to the emergency stop circuit and the protective cover, safety door, and protective guard.
- **Manufacturer recommendations:**
 - Depending on operating conditions, more frequent maintenance may be required.
 - Use original spare parts to ensure optimal performance and safety.
- **Documentation:**
 - Maintain a maintenance log documenting all performed maintenance tasks, intervals, and materials used.
 - **Annual mechanical inspection of the CLOUTH DOCTOR CUT. Document the inspection in writing.**
 - **Electrical inspection of the CLOUTH DOCTOR CUT every 2 years. Document the inspection in writing.**



NOTE:

- If you have any questions regarding the maintenance of the CLOUTH DOCTOR CUT, the operator may contact the manufacturer.

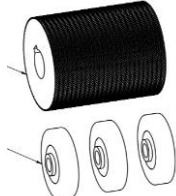
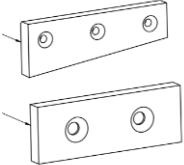
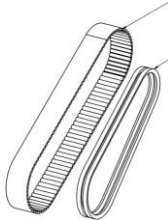
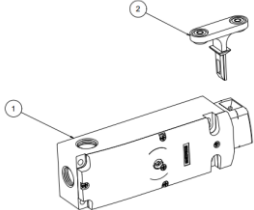
11 Possible malfunctions and corrective actions

Fault / Malfunction	Possible cause	Corrective action
Machine does not start at all	• Power interruption / Emergency stop activated	• Check power supply, reset emergency stop
Machine cannot be switched on	• Power interruption, faulty switch	• Check fuses, test or replace switch
Machine does not shred	• Blade is dull or blocked	• Replace blade, • remove foreign material, Disconnect machine from power and secure against unintended restart. Use an M8 Allen key to turn the roller suspension clockwise and remove the material

Cutting machine for doctor blades

12 Spare and wear parts

Spare and wear parts can be obtained directly from the manufacturer. ☎ +49 2192 853-0 / ✉ info@clouth-group.com

Component designation	Item-No.	
Rubber / Insertion replacement roller	1105471	
Blade set (upper + lower)	1105472	
Drive belt set	1105473	
Safety position switch	1105950	
Collection container / forklift box trolley	1037176	

13 Disassembly, Disposal

The disassembly of the CLOUTH DOCTOR CUT should only be carried out by qualified and authorized personnel. Before starting the disassembly, the following steps must be completed:



WARNING!

Risk of injury from moving parts!

- Before starting work, disconnect the machine from the power supply and secure it against unintended restart.
- Wear appropriate personal protective equipment (PPE), see chapter 2.6.

Cutting machine for doctor blades

- **Prepare the CLOUTH DOCTOR CUT:**
 - Disconnect all electrical connections.
 - Remove the collection container with the doctor blade residues.
- **Perform disassembly:**
 - Loosen the fasteners securing the CLOUTH DOCTOR CUT.
 - Disassemble the CLOUTH DOCTOR CUT into its individual components.
- **Disposal:**
 - Dispose of the CLOUTH DOCTOR CUT and its disassembled parts in accordance with applicable environmental regulations.



NOTE:

- Exercise caution during the disassembly of the CLOUTH DOCTOR CUT to avoid damage.
- If you have any questions or uncertainties regarding the disassembly, please contact the manufacturer.

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