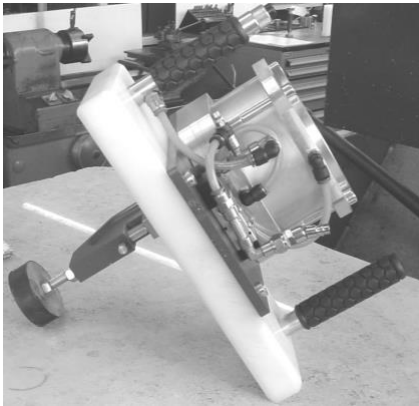
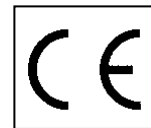


## Edge Chisel Machine



**Picture 1**  
Overall view Edge Chisel Machine

Description	Edge Chisel Machine
Type	□
Machine/Serial number	
Manufacturing year	2004
Total height	380 mm
Total length	350 mm
Total breadth	270 mm
Net weight	14,5 kg



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## 1 Contact

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For any questions and orders please contact the WEHA-Ludwig Werwein GmbH or directly the manufacturer:


<b><i>In Germany</i></b>
<b>WEHA-Ludwig Werwein GmbH</b>
Postfach 13 55 86331 Königsbrunn/ Augsburg Wikingerstr. 15 86343 Königsbrunn/ Augsburg
Phone: +49 (0) 8231 / 60 07-0 Fax: +49 (0) 8231 / 60 07-148 E-Mail: info@weha.com

<b><i>In Austria</i></b>
<b>WEHA Steinbearbeitungsmaschinenvertriebsgesellschaft m. b. H.</b>
Lange Gasse 17 A-1080 Wien
Phone: +49 (0) 1 / 40 39 340 Fax: +49 (0) 1 / 40 88 762 E-Mail: office.weha@aon.at

<a href="http://www.weha.com">http://www.weha.com</a>
E-Mail: info@weha.com

## 2 "CE"- Conformity declaration

---

EG-Conformity declaration EWG No. 89/392/EWG (EN 292)	
Manufacturer: DREMA GmbH Wikingerstraße 15 86 343 Königsbrunn Phone 08231 / 91 69 - 22 Fax 08231 / 91 69 - 24	Machine Type: Edge Chisel Machine Application: For the edge processing of stone slabs Machine no.:
Signature:	 Erich Eberle
Hereby we certify that the above-mentioned machine corresponds to the requirements of the above guideline.	

### 3 Symbols and warnings instructions

---

The following explanations of the symbols occurring on the machine or in the operating instructions should help you to understand them.

#### 3.1 Warning instructions on the Edge Chisel Machine

---

The following warning symbols can occur on the machine:



This symbol points out the availability of the operating instructions and warns the operator to read these instructions before the installation or the commissioning of the machine



This warning sign warns the operator to wear ear-protection and goggles.



This warning sign obliges the operator to wear safety shoes, gloves and helmet.



This warning sign means danger of contuse, which can occur by imprudence.

#### 3.2 Symbols in the operating instructions

---

The following symbols can occur in the operating instructions:



This exclamation mark, framed in a equilateral triangle, draws attention to a very important information and recommends the operator to read and follow it with particular attention.



Obligation to recycle waste materials into the production process to help safeguard the natural resources and save the environment.



Marking of switches, articles, etc. in the pictures of this operating manual. The first number begins with the letter A, for the marking (e.g. article D) and the second number is the current numbering of the picture (e.g. picture 6.2) within a section e.g. 6.1 Inspection. The marking always refers to the accompanying or following description; otherwise the description refers to a marking in another picture.

## 4 Regulations for the use of the Edge Chisel Machine

---

Please pay attention to the information about the use of the machine.



**Attention: danger of injury!**

**The inappropriate use leads to personal injuries and damage of materials!**



The machine is especially conceived for one or several application fields.  
The following chapters explain the possible applications and the dangers during the use.

### 4.1 Field of application of the Edge Chisel Machine

---

You've bought a quality product of WEHA-Ludwig Werwein GmbH.

The edge Chisel Machine is a device to facilitate the edge processing of stone slabs movement of stone slabs.

Please note the following characteristics:

- Universal adjustable tool for every thickness
- The stone slabs get a rustic look through the breakage of the edges.
- Higher operating speed than usual
- Robust overall structure construction
- Ergonomic construction
- Easy handling.
- Possibility to process different material thickness.

### 4.2 Inappropriate application

---

The Edge Chisel Machine can be exclusively used for the edge processing of stone slabs movement of stone slabs.

Uses the Edge Chisel Machine exclusively for the intended purposes and avoid means, which can damage the metal or other parts!

- The Edge Chisel Machine is completely and particularly appropriate for the indicated ranges of application.
- The air pressure for the Edge Chisel Machine must be max. 10 bar. Excessive air pressure can lead to damages.
- Depending on the thickness and the quality of the material set the air pressure between 8 and 10 bars, so that the material breaks
- Use only dry compressed air, enriched with compressed air oil.
- Start the Edge Chisel Machine only after having set the Chisel on the bottom edge of the stone slab. Make sure to hold the machine with both hands and to set the machine on the spot you want to process.

### 4.3 Safety rules

---

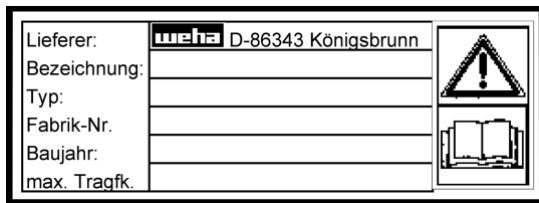
1. **Please read thoroughly these operating instructions before using the Edge Chisel Machine!**
2. **Keep the operating instructions carefully in the proximity of Edge Chisel Machine for a future reference when in doubt.**
3. **Unconventional changes or installing of additional devices will lead to the cancellation of any liability by the dealer or manufacturer!**
4. **The Edge Chisel Machine can be used only with the tools of WEHA-Ludwig Werwein GmbH!**
5. **Remove all articles from the work area, which can be a possible source of danger!**
6. **Only authorized persons may use the Edge Chisel Machine. Each user must have read and understood this documentation!**
7. **The Edge Chisel Machine must be used only with max. Air pressure of 10 bar!**
8. **Keep the working area clean and provide sufficient lighting!**
9. **Make sure that the ground in the work area is solid and is not liable to subsidence!**
10. **Don't use the Edge Chisel Machine in spaces subjects to explosion!**
11. **Before using the Edge Chisel Machine, make sure that there's no risk to damage hidden electrical wires!**
12. **While handling the Edge Chisel Machine always wear the appropriate protective clothing, in accordance with the valid rules for the prevention of accidents! This includes:**
  - **Working gloves and working clothes in accordance with the valid regulations!**
  - **Safety shoes in accordance with the valid regulations!**

13. Check to see whether the chisels are properly fitted. Start the Edge Chisel Machine only after having set the Chisel on the bottom edge of the stone slab. Make sure to hold the machine with both hands and to set the machine on the spot you want to process.
14. By changing or setting the chisel and by maintenance and repair works, especially between the blades, the Edge Chisel Machine must be disconnected from compressed air supply!
15. Use only suitable work pieces, for example stone!
16. Check to ensure during use that nobody is in the proximity of the equipment, in order to avoid danger to other personnel!
17. Check to see whether all the parts are correctly installed!
18. The bottom tool must be placed on the bottom edge; otherwise the machine can whisk and can lead to considerable lesions and destruction of the slab or the machine!
19. In case of damage or malfunction of the machine, please contact the dealer or the manufacturer immediately!
20. Protect the machine against the weather, e.g. rain, sun, humidity and etc.!
21. In case of irreparable damage or other reasons, which prevent the use of the machine in the long-term, cease its operation, by making the machine unusable thus making sure that there's no danger to other people!
22. If disposing of the machine or parts thereof, dismantle and separate the different materials which can then be disposed of to be recycled!



#### 4.4 Machine identification plate

The identification plate informs about the origin, identity as well as year of construction and, if necessary, about the maximum carrying capacity.



Picture 4.1 – Machine identification plate

By the supply please compare the identification plate with the data on the first side of the operating instructions. If the data differ from each other, please contact immediately the dealer or the manufacturer.

#### 4.5 Technical and structural data

Technical alterations expected even without previous notice!

Total height [mm]	380 mm	Net weight	14,5 kg
Total width [mm]	350 mm	Air pressure	8-10 bar
Total breadth [mm]	270 mm	Max. Air pressure	10 bar
		Consumption of compressed air per stroke	0,3 dm <sup>3</sup> (Liter)

## 5 Assembly

---

Please read carefully the information in the chapter "Assembly" and follow it precisely. The manufacturer or the company WEHA-Ludwig Werwein GmbH will not be liable for any damage due to incorrect assembly.

On receipt, check the supplied commodity for any damage during transportation and packing. Advise the manufacturer/agent immediately about any damage!

### 5.1 Scope of supply

---

Before beginning the assembly, please check precisely to see whether all necessary parts are available. If the scope of the supply is not complete contact the dealer or the manufacturer immediately.

The scope of supply consists of:

- 1 x Edge Chisel Machine
- 1 x Operating instruction

### 5.2 Removing the transportation packaging

---

The Edge Chisel Machine is usually delivered in cardboard packaging

Before unpacking please compare the attached delivery note with the supplied articles!

#### **Remove the transportation packing:**

- Release the adhesive strips and/or the strapping belts and unpack the contents carefully!
- Be careful by unpacking the machine, in order to prevent it from damage!
- Heavy contact between the machine and sharp edges can damage the surface protection and/or parts of the assembly!
- Dispose of the packing wastes for recycling according to the local guidelines!

### 5.3 Assembly instruction

---

The Edge Chisel Machine is delivered already assembled. Assembly of the individual parts is thus not necessary..

## 6 Operating instruction for the Edge Chisel Machine

The aim of this chapter is to inform you of the correct application of the machine. Consider the operating instructions in every detail!

Take care that any sharp edged articles do not damage the protective layer of the metal parts!

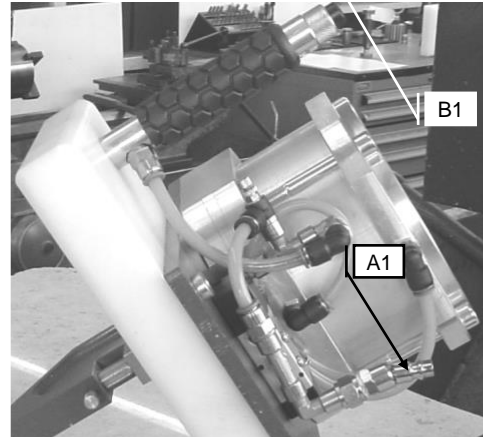


**The dealer and/or manufacturer is not liable for any defects caused by incorrect assembly!**



**Please follow precisely the safety regulations in chapter 4.3!**

- Before starting connect the Edge Chisel Machine with a Compressed air supply. Max. Air pressure: 10 bars! The air pressure depends on the thickness and the quality of the material, anyway between 8 and max. 10 bars.
- Use only dry compressed air, enriched with compressed air oil. For this purpose use a dryer and a commercial compressed air oil.



**Picture 6.1** – Compressed air connection [A1] and Starter switch [B1]



**Attention Danger!**

**Don't use the Edge Chisel Machine in spaces subjects to explosion!  
Before using the Edge Chisel Machine, make sure that there's no risk to damage hidden electrical wires!**

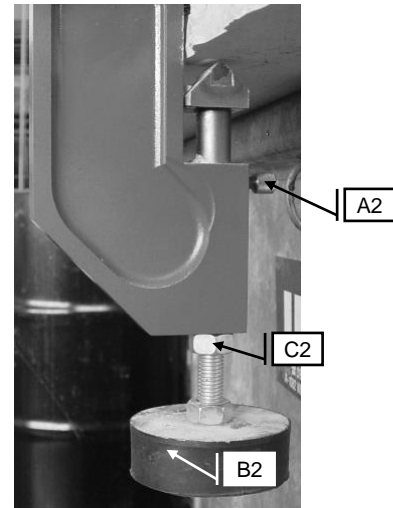


**Attention Danger!**

**Start the machine only after setting the bottom chisel on the bottom edge of the slab. The machine must be placed completely on the slab and to be hold with both hands**



- Place the Edge Chisel Machine on the slab.
- Come loose the Locking screw [A2]
- Turn the Setscrew [B2], to set the bottom tool on the bottom slab! You can adjust the fixation by means of the Check nut [C2]
- Re-lock the locking screw [A2].
- Start the Edge Chisel Machine by means of the control switch [B1]
- Press the Control switch [B1] and start processing.
- By changing or setting the chisel and by maintenance and repair works, especially between the blades, the Edge Chisel Machine must be disconnected from compressed air supply!



**Picture 6.2** – Bottom tool

### 6.1 Change the tools



**Attention Danger!**

**By changing or setting the chisel and by maintenance and repair works, especially between the blades, the Edge Chisel Machine must be disconnected from compressed air supply!**

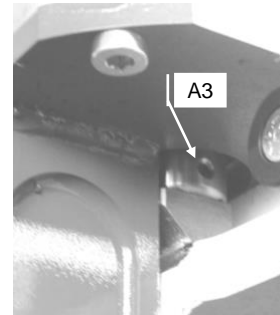




The warranty does not include defects due to improper handling or application, disassembly, use of not-WEHA tools and frost influence.



- Change the tools:
- To change the top tool: Unscrew completely Locking screw [A2].
- Remove the bottom chisel from the Bushing.
- Place the new Chisel in the bottom Bushing.
- Tighten the Locking screw [A2]
- To change the bottom tool; unscrew the Setscrew [A3].
- Remove the top chisel from the Bushing.
- Place the new Chisel in the top Bushing.
- Tighten the Setscrew [A3].



Picture 6.3 – Top tool

## 7 Maintenance

The Edge Chisel Machine does not require regular maintenance. During application, attention should be paid to the following:

- Use always a Compressed air Maintenance unit, to avoid the early usage of the Pneumatic cylinder.
- Use only the appropriate tools
- Check regularly the tightness of the wires and the connections.
- Check regularly the tightness, the entirety and the absence of rust on the screws and metal parts
- To remove the rust use an appropriate rust remover and protect these parts against rust by means of a zinc spray.
- Pay attention to the Safety rules on Chapter 3.3!

## 8 Warranty

The Warranty covers all defects in material.

The Warranty does not include wearing parts.

The warranty does not include defects due to improper handling or application, disassembly, use of not-WEHA tools and frost influence.

## 9 Parts list of the Edge Chisel Machine

In the following chapter you find the part list for the Edge Chisel Machine. Please consider by orders of spare parts that a smooth completion can take place only by full information about the data specified into the part list. Thus always indicate by an order the quantity, the piece's description, the article number and if it's necessary the abbreviation.



**Only the manufacturer may implement repairs!**  
**Unconventional repairing or use of non-manufacturers parts will lead to the cancellation of any liability and right to claim under guarantee by the dealer or manufacturer.**



### 9.1 Parts list of the Edge Chisel Machine

Pos.	Quantity	Description	Abbreviation	Tool
1	1	Butterfly valve	Art. No.	
2	1	5/2 Control valve	Art. No.	
3	1	Starter switch	Art. No.	
4	1	Chisel at the top	Art. No.	
5	1	Chisel at the bottom	Art. No.	
Edge Chisel Machine		Art. No. 7264115		
Edge Chisel Machine BIG		7264116		