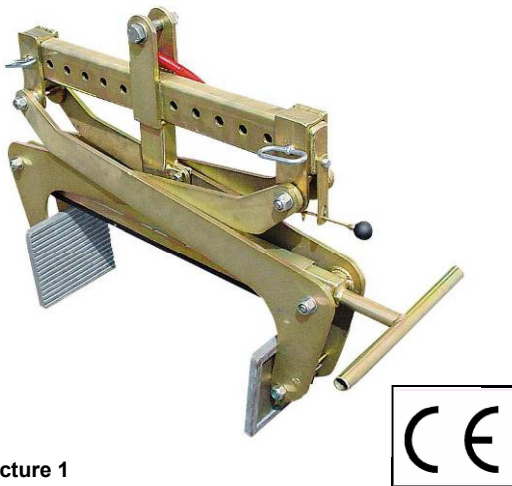


SLAB GRAB JUMBO II



Description	Slab Grab Jumbo II
Article Number	8010217
Machine / Serial Number	
Manufacturing Year	
Total Height [mm]	500 mm
Total Width [mm]	720 mm
Total Length [mm]	220 mm
Carrying Capacity	1.500 kg
Dead Weight	53 kg
Maximum Gripping Width	500 mm till 1.000 mm
Gripping Surface	200 x 220 mm

Picture 1
Overall View Slab Grab JUMBO II

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1 Contact

For any questions and orders please contact the WEHA-Ludwig Werwein GmbH, per Telephone, Mail or per Email or directly to the manufacturer:

In Germany
WEHA-Ludwig Werwein GmbH
Post Box 13 55 86331 Königsbrunn / Augsburg Wikingerstr. 15 86343 Königsbrunn / Augsburg
Telephone: +49 (0) 8231 / 60 07-0
Telefax: +49 (0) 8231 / 60 07-132
E-Mail: info@weha.com

In Austria
WEHA Steinbearbeitungsmaschinenvertriebsgesellschaft m. b. H.
Lange Gasse 17 A-1080 Wien
Telephone: +43 (0) 1 / 40 39 340
Telefax: +43 (0) 1 / 40 88 762
E-Mail: office.weha@aon.at

Visit us at our Internet Website
Internet Website:

<http://www.weha.com>

E-Mail: info@weha.com

2 Conformity Declaration „CE“

EC-Conformity Declaration
98/37/EG

Manufacturer:	WEHA Sp. z o. o. Ul. Armii Krajowej 31 Pl-58150 Strzegom Telefon 0048 / 76 / 87 03 - 700 Telefax 0048 / 76 / 87 03 - 046	Machine Type:	Slab Grab Jumbo II
		Application:	For transposing from Stone Blocks, Natural Stones and Concrete Stones
		Machine Number:	

Signature: **"METAL-JAWOR" Sp. z o.o.**
59-400 Jawor, ul. Wiejska 2
tel. 076/870-37-00, fax 076/870-37-46
NIP 695-13-46-385, id. 390677451

Mr. Rajewski

We hereby certify that the above mentioned machine corresponds to the requirements in accordance with the above guidelines.

3 Explanation of the Symbols and Warning Instructions

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

3.1 Warning Instructions on the Slab Grab JUMBO II

The following warning symbols can appear on the machine respectively unit:



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



This mandatory sign obligates the operator of the machine to use and wear safety shoes, protective gloves and protection helmet.

3.2 Symbols in the Operating Instructions

The following symbols can appear in the operation instructions and are defined accordingly:



This exclamation mark, framed in an equilateral triangle, draws the operator's attention to the fact that very important directions are available and the operator should read and follow the information with particular interest.



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



Point of orientation to controls and objects, etc. illustrated in this operation and service instructions.

4 Regulations for the use of the Slab Grab JUMBO II

Please pay particular attention to the information concerning the use of the machine.



Attention! Danger of Injury!!
Inappropriate use leads to personal injuries and damage to materials!!



This unit, respectively machine is especially conceived for one or several application fields. The following chapter explains the possible applications and the possible dangers during the operation.

4.1 Field of Application of the Slab Grab JUMBO II

You have purchased a quality product of WEHA-Ludwig Werwein GmbH.

The Slab Grab JUMBO II is a helping device, to facilitate the easy transposing of stone blocks, and to assist you within your work area.

Please note the following special characteristics:

- Simple and quick transposing of stone blocks
- Extremely large gripping width from 500 mm to 1.000 mm
- Very handy and light weight, with small dimensions and galvanized upper surfaces
- High lifting load from maximum of 1.500 kg

4.2 Inappropriate Application

The Slab Grab JUMBO II is to be used exclusively for transposing stone blocks with a maximum weight of 1500 kg.

- Utilize the Slab Grab JUMBO II exclusively for the proposed purpose and avoid materials which could damage individual components of the machine!
- The Slab Grab JUMBO II is complete and specifically designed for the proposed application!
- It is not permitted to insert a device or an object between the stone block and the rubber clamps
- The Slab Grab JUMBO II may not be used to retrieve any stone blocks from a pile.
- The Slab Grab JUMBO II may only be used when transposing one stone block at a time.
- The Slab Grab JUMBO II may only be hooked onto a suitable safety hook of a lifting device.
- **Never walk or stand under suspended loads!**

4.3 Safety Regulations



- Please read completely these operating instructions before using the Slab Grab JUMBO II!
- Keep the operating instructions carefully in the proximity of the Slab Grab JUMBO II for future reference when in doubt!
- Unconventional changes or installing of additional devices will lead to the cancellation of any liability by the dealer or manufacturer!
- Remove all articles from the work area, which can be a possible source of danger!
- Only authorized persons may use the Slab Grab JUMBO II. Each user must have read and understood this documentation.
- Before each use, check the basic parts and welding seams for damages! In case of defects do not use the Slab Grab JUMBO II. The use by an unauthorized third party must be prevented by suitable measures!
Utilize exclusively the Crane Eye Hook as carrying grip in order to avoid injuries in the scissor area of the Slab Grab JUMBO II.
- Only one stone block may be transported at one time.
- Make certain that the carrying surface where the stone block will be laid down will be adequate.
- Make certain that the surfaces of the stone block in the contact area with the Slab Grab JUMBO II are dry, free of wax, oil, dust and sand.
- It is not permitted to transport washed stone blocks with the Slab Grab JUMBO II..
- The points of contact of the rubber clamping jaws must be completely gripping on the stone block and further the stone block in this lifting area be level.
- Make certain that the Slab Grab JUMBO II is positioned at the center of gravity! When off balanced (uneven), the Slab Grab JUMBO II must be adjusted accordingly!
- Excessive swinging or shaking of the lifted load is not permitted!!
- Standing under suspended load is forbidden!
- Jerks and jolts during the lifting and lowering of the stone block with the Slab Grab JUMBO II is not permissible!
- Maintain a clean working area and provide for adequate lighting
- Protective work clothing in accordance with prevailing instructions are to be used when operating the Slab Grab!
- Among other items belong the following:
 - Protective Work Gloves in accordance with current safety measures to prevent accidents!
 - Protective Work Safety Shoes in accordance with the current safety measures to prevent accidents!
- Use only suitable work pieces exclusively suitable for this Slab Grab. Do not lift slabs liable to crack or break during work! (“sound stone plates”).
- Do not lift objects which are too small or too heavy!
- Check to ensure during use that no one is in the proximity of the Slab Grab JUMBO II, in order to avoid danger to a third party!!
- Check and make certain that all parts are correctly mounted!
- In case damages or malfunctions of the machine arise, please contact the dealer or manufacturer immediately!
- Protect the machine against environmental factors, e.g. rain, sunrays, humidity, etc.!
- In case of irreparable damage or other reasons which prevent the further use of the Slab Grab JUMBO II for a long term, stop operation by making the machine unusable thus making certain there is no danger to other persons!
- If disposing of the machine or parts thereof; dismantle and separate the different materials which can be then re used in accordance with recycling regulations!



4.4 Machine Identification Plate

The identification plate indicates the origin, identity as well as year of manufacture and, if necessary the maximum carrying capacity

Upon receipt of the goods, please compare the identification plate with the data on the first page of the operation instructions. If the data differs from each other, please contact immediately the dealer or the manufacturer.

Lieferer:	weha D-86343 Königsbrunn	 
Bezeichnung:		
Typ:		
Fabrik-Nr.		
Baujahr:		
max. Tragfk.		

5 Assembly

Please read carefully the information in the chapter „Assembly“and adhere to it precisely. The manufacturer or the Company WEHA-Ludwig Werwein GmbH will not be held liable for any damage due to incorrect assembly.

On receipt of the goods, check the supplied commodity for any damages incurred during transportation and packing! Advise the Manufacturer/Agent respectively the Transport Company immediately of any damages!

5.1 Scope of Delivery

Prior to assembly, please check to see if all necessary parts have been delivered. Contact immediately the Dealer or the Manufacturer in the event the consignment is not complete.

Scope of Supply consists of:

- 1 x Slab Grab JUMBO II
- 1 x Operation and Service Instructions

5.2 Removing of the Transport Packaging

The Slab Grab JUMBO II is usually delivered in cardboard packaging.

- **Prior to unpacking, please compare the attached delivery note against the supplied articles!**

Remove the transportation packing:

- Release the adhesive strips and/or strapping bands and unpack the contents very carefully!
- Be careful when unpacking the Slab Grab Jumbo II in order to prevent damages to the contents!
- Strong blows to the building parts of the Slab Grab JUMBO II edges can damage the surface and other sections!
- Dispose of the packing waste for recycling in accordance with the local guidelines!

5.3 Assembly Instructions

The Slab Grab JUMBO II is delivered completely assembled.

A mounting of individual parts is not required.

6 Operating Instructions for the Slab Grab JUMBO II

This Chapter should provide you with information to better understand the Slab Grab JUMBO II. Please read carefully the operating instructions to obtain optimal service!

Please pay attention that the protective cover of the metal parts will not be damaged by sharp edges!



Any defects, caused by incorrect assembly and operation are not covered under the Warranty by the dealer respectively the manufacturer!!



Strict attention should be given to the safety regulations stipulated in Chapter 4.3!!

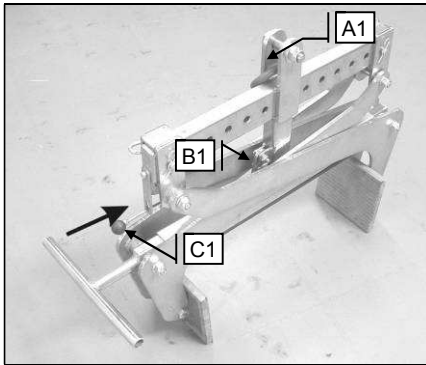
6.1 Preparation of the Slab Grab JUMBO II

- Prior to using the Slab Grab JUMBO II it must be cautiously opened and put on safety position.



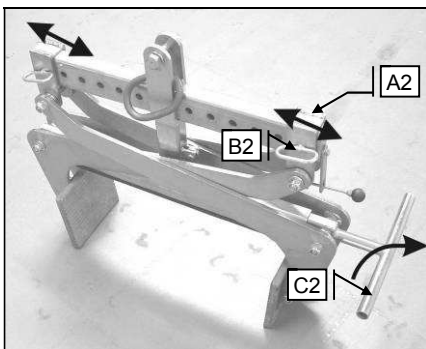
Caution! Danger of Injury!!
Do not grasp the scissor area of the Slab Grab JUMBO II with the fingers!
There exists a danger of pinching!





Picture 5.1 – Safety Device

- Utilize the Crane Eye Hook [A1] of the Slab Grab JUMBO II as a carrying handle, in order to prevent the risk of personal injury.
- Should the Slab Grab JUMBO II be lifted upwardly, then push it together and pay attention that the safety device [B1] has been inserted.
- The Knob [C1] of the safety device must be hereby shoved in in the direction of the arrow.
- The Slab Grab JUMBO II is now ready for application.



Picture 5.2 – Adjustment of the gripping width

- The gripping clamps are to be adjusted according to the individual measurements of the stone blocks.
- The Slab Grab JUMBO II can be adjusted to a gripping width of from 500 mm up to 1.000 mm. Pro adjustment slot hole (adjustable on both sides!) will alter the gripping width by 100 mm.
- Hereto the individual safety pin [A2] of the adjustment bolt [B2] is to be firstly removed. Now the adjustment bolt [B2] is to be pulled out.
- Now the Slab Grab JUMBO II can be lifted at the Grip and the clamp jaws can be pushed together or pulled apart. Attention is to be given that the left as well as the right clamp jaw are identically adjusted. That means that the bores both left and right are to be used, and at the same distance from the carrying safety eye hook

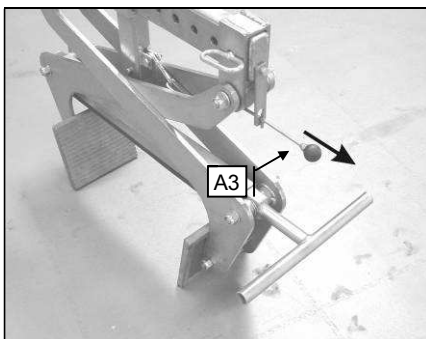


- **Caution! Danger! Attention is to be given that the left as well as the right clamp jaw are identically adjusted. That means that the bores both left and right are to be used, and at the same distance from the carrying safety eye hook**

- When the desired adjustments have been concluded, then the adjustment bolts are once again to be inserted and the safety cotter pin secured.

6.2 Transporting with the Slab Grab JUMBO II

- The Stone Block to be lifted must be secured against tipping over thereby enabling the Slab Grab JUMBO II to transport the same.
- The Slab Grab JUMBO II must be secured at the center of gravity of the stone block.
- Make certain that the surfaces of the the contact area of the stone block to be transported with the Slab Grab JUMBO II are dry, free of wax, oil, dust and sand.
- Now lower the Slab Grab JUMBO II on to the Stone Block to be lifted at the center of gravity. Use the available crane eye hook as a carrying grip.



Picture 5.3 –disengaged condition

- The Slab Grab JUMBO II crane eye hook is to be used when being lifted by the safety hook of the hoisting device.
- Release the safety device of the Slab Grab JUMBO II by pulling on the Knob [A3]. The safety hook will thereby be disengaged.
- The Slab Grab JUMBO II is thereby in the disengaged condition.
- The next step is to lift slowly and cautiously the Slab Grab JUMBO II. The clamping jaws close and lay on the predetermined stone block. Should this not be the case, check if the safety device is disengaged.

- Make certain that the utilized lifting device and the hoisting unit provide suitable carrying capacity to cover the total carrying load and be capable to transport the same.
- Now raise the Slab Grab JUMBO II with the hoisting device, until such time as the stone block is hanging freely. Be careful that the Slab Grab JUMBO II does not go off balance (uneven) when being lifted. At the same time the Slab Grab JUMBO II must be

positioned so that the Slab Grab JUMBO II is not standing slanted after the lifting procedure is accomplished. Stiff jolts are not permitted!



Caution! Danger!
Standing or walking under suspended load is prohibited!



- Now the Stone Block can be raised up to the suitable transporting position. During lifting avoid at all costs any stiff jolts!
- During transporting no shocks are permitted and at the same time the Stone Block may not swing. Other than this, the Stone Block must be secured accordingly and a suitable path of travel must be pre-selected!
- Make certain that the ground surface on which the Stone Block is to be deposited possesses adequate carrying strength!



Caution! Danger!
As soon as the Stone Block is laying on the surface foundation, the Grab Slab JUMBO II begins to open!
The Stone Block could at the same time fall over! The Stone Block must be secured against falling over before hand!

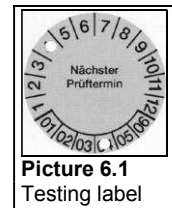


- It is therefore essential that the Stone Block when being lowered will be secured against falling down. As soon as the Stone Block is situated on the ground, the Slab Grab JUMBO II begins to open simultaneously! A jolting lowering process is not permissible!
- The Grab Slab JUMBO II is to be lowered completely and the safety device is to be once again inserted!
- The Slab Grab JUMBO II is now secured and can be raised cautiously in the upward direction with the hoisting device.

7 Maintenance

The Slab Grab JUMBO II requires regular maintenance.

- **The Slab Grab JUMBO II is a load suspension device! The Contractor, who implements the Slab Grab JUMBO II; must ensure that the Slab Grab JUMBO II is to be tested in yearly intervals through an expert duly qualified to carry out such a test! (§ 23, Abs. 2, BGV D6)**
- **The next Test Schedule for the Slab Grab JUMBO II is indicated on the yellow label „Next Testing Date“ (e.g. April 2004).**
- **Repairs and welding (Danger of poisoning!) may only be carried out by persons who have the necessary knowledge and abilities to perform the same.**



Picture 6.1
Testing label

- You may wish to have your Grab Slab JUMBO II checked by a competent authorized person from Messrs. WEHA-Ludwig Werwein GmbH in Königsbrunn. Please ask us accordingly!
- Strict attention must be devoted to the Safety Regulations outlined in Chapter. **Erreur ! Source du renvoi introuvable.!**
- Work carefully with the Grab Slab JUMBO II to ensure a long work life. Excessive stress can reduce the working life span.

8 Spare Parts List

In the following Chapter the spare parts list for the Grab Slab JUMBO II is outlined.
Please note when ordering your replacement parts. Only a complete indication of the required spare parts can guarantee a smooth processing of your spare parts order.
Always indicate with your orders the required quantities, the description of the parts, article number and if available the standard indication.

Pos.	Quant.	Description	Standard-Indication	Material
1	2	Large gripping plate complete with rubber coating	Art. Nr. 8021082	
2	1	Foot complete		St3S
3	2	Tension arm complete		St3S
4	2	Holding grip complete		St3S
5	1	Right hand lever complete		
6	1	Spring retainer		
7	1	Left hand lever complete		
8	2	Spring	Art. Nr. 8020621	
9	1	Front connecting piece		
10	1	Lower connecting piece		
11	1	Bolt		
12	1	Connecting piece		
13	2	Joining piece		
14	1	Joining piece left hand		
15	1	Safety hook complete		
16	1	Bolt		
17	1	Shackle		
18	1	Chain link		
19	1	Cotter pin		
20	1	Plain washer	∅ 23	
21	1	Plain washer	∅ 13	
22	1	Safety nut	M 16	
23	2	Screw	M 16 x 60 - 8.8-B	
24	2	Screw	M 16 x 80 - 8.8-B	
25	2	Screw	M 16 x 90 - 8.8-B	
26	12	Plain washer	∅ 17	
27	6	Safety nut	M 16	
28	20	Screw	M 6 x 25 - 8.8-B	
29	20	Plain washer	∅ 6,5	
30	20	Nut	M 6	

Slab Grab JUMBO II

Art. Nr. 8010217