

Vacuum-Lifter T



name	vacuum – lifter UNI PAD
serial #	
year built	
typ	T
suction cup mm	
air pressure	5 - 6 bar
air requirement	120 Ltr. / min.

Questions or item orders please direct by phone, in writing or by email to the Weha-Ludwig Werwein GmbH.

<p><b>In Deutschland</b>  <b>WEHA-Ludwig Werwein GmbH</b>                  Postfach 13 55                  86331 Königsbrunn / Augsburg                  Wikingerstr. 15                  86343 Königsbrunn / Augsburg                  Telefon: +49 (0) 8231 / 60 07-0                  Telefax: +49 (0) 8231 / 60 07-148                  E-Mail: info@weha.com</p>	<p><b>In Österreich</b>  <b>WEHA Steinbearbeitungsmaschinenvertriebsgesellschaft m. b. H.</b>                  Lange Gasse 17                  A-1080 Wien                  Telefon: +49 (0) 1 / 40 39 340                  Telefax: +49 (0) 1 / 40 88 762                  E-Mail: office.weha@aon.at</p>	<p>Besuchen Sie auch unsere Internetseite:  <a href="http://www.weha.com">http://www.weha.com</a>  <b>E-Mail: info@weha.com</b></p>
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EG-Konformitätserklärung  
2006/42/EG

Lieferant: WEHA Ludwig Werwein GmbH  
 Wikingerstr. 15  
 D – 86343 Königsbrunn  
 Telefon 0049 / (0) 8231 / 60 07 - 0  
 Telefax 0049 / (0) 8231 / 60 07 - 148

Maschinentyp: vaccum - lifter  
 Verwendung: lifting stone slabs  
 Maschinen-Nummer:

Unterzeichner:

**weha**  
**LUDWIG WERWEIN GMBH**  
 Wikingerstr. 15 · 86343 Königsbrunn  
 Postfach 13 55 · 86331 Königsbrunn  
 Tel. 0 82 31 / 60 07 - 0 · Fax 60 07 - 148

Herr Nagy

We hereby certify under our sole responsibility that the above mentioned machine conforms to the requirements of the above directive

The following warning signs may optionally be mounted on the unit or on the machine



This affixed to machine or device warning alerts the operator to the presence of a manual and obliged him before installing or operating the machine to its reading



This sign requires the operator of the machine always wear hearing protection and eye protection



These signs require the operator of the machine always use protective footwear, protective gloves and helmet.



An exclamation mark appearing on the pages of this manual, which is framed by an equilateral triangle, marks an important indication that the operator should read and follow special attention



Recalling the obligation of waste separation in order to make materials in the recycling loop.



Labeling of swichtes, objects, etc. in the illustrations in these operating and instruction manual.

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Please note carefully the information about the use of the machine or device!

Caution! Risk of injury!  
Improper use leads to physical damage!

The device or machine is specially designed for one or more applications out.  
The following chapters aim to introduce these applications in more detail and point out the dangers in dealing with the working fluid.

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You have purchased a quality product of Weha-Ludwig Werwein GmbH  
The vacuum lifter T is a tool that will help you in converting from stone slabs and make your work easier.

Following features are particularly noteworthy:

- Easy and fast reacting without power
- Sturdy overall construction
- High lifting load with a stone slab

Vacuum lifter T is used exclusively for converting stone slabs:

- use the lifter t exclusively for the intended purposes and do not use agents that can damage the metal or individual modules!
- vacuum-Lifter T is completely designed and tailored to the applications out
- there must be no aid or object between stone plate and the sealing lip of the vacuum lifter T are inserted
- do not stand under suspended loads!

Safety regulations:

- before using the vacuum-lifter T thoroughly by this operating instruction
- keep the operating instructions carefully in the vicinity of the vacuum lifter T, for all future cases of doubt!
- the idiosyncratic rebuilding of installing options lead to go out from any liability and warranty by the dealer or manufacturer!
- remove all objects from the work area, which are a potential source of danger!

- vacuum-lifter T may only be operated by appropriately authorized persons. Each operator must have read and understood this documentation
- before each use check the bearing parts and welds for damage! For the shortcomings in the operation of the vacuum-lifter is set T and the use by third must be prevented by suitable measures!
- check the seal lip damage and provide you with a damaged lip for decommissioning, by making the device or machine not useable and ensure that no danger for others out!
- Keep the work area provides for a base of enough support and slip resistance!
- Make sure that the surface on which you place the stone slab has sufficient capacity!
- Make sure that the sealing lip of the vacuum lifter T lie completely on the slab!
- Make sure that the stone slab to be lifted in the support area of the vacuum lifter T is dust-free and dry. The surface finish of the stone slab to be lifted must be ground smooth in the support area of the vacuum lifter T and beyond the stone slab in the contact area must be flat!
- Make sure that the vacuum lifter T is recognized in the focus of the stone slab! If excessive inclination of the slab the vacuum lifter T must be set accordingly!
- The compressed air supply must not be switched off when the vacuum lifter T a stone plate is sucked!
- Excessive rocking or shaking of the suspended load are not allowed!
- The vacuum lifter T may be sucked in and transported one at a stone slab!
- Keep the work area clean and provide them adequate lighting!
- walk under suspended loads is prohibited!
- Wear when handling vacuum lifter t always wear appropriate protective clothing, according to the accident prevention regulations!  
These includes for example:
  - Protective gloves according to the accident prevention regulations!
  - footwear according to the accident prevention regulations!
  - Hearing protection and safety glasses according to the accident prevention regulations!
- Use suitable only for the properties of the device workpiece materials, such as stone slabs without cracking ("healthy" stone plates)!
- Ensure that no one is being used in the vicinity of the device to reduce the risk of others!
- Check that all parts are correctly installed!
- If damage or malfunction of the device, so you immediately contact the dealer or manufacturer!

- Protect the unit or the machine from the weather, such as rain water, sunlight, moisture, etc.!
- Ensure the separation of the various materials in the disposal that they can be fed into the recycling loop!

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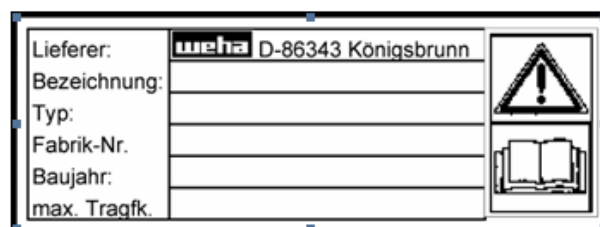
The vacuum lifter T has been manufactured in accordance with the general provisions in mechanical engineering.

The security system consists of:

- A pressure gauge for continuous monitoring of the vacuum during the lifting process
- The audible alarm sounds when the hazard warning device when the required vacuum is reached.

The nameplate provides information about the origin, identity and year of manufacture and, if necessary, on the maximum load capacity.

Please compare with tradition, the nameplate with the details on the first page of the manual. If different data, please contact us immediately with the dealer or the manufacturer.



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Please read the information in the Installation chapter carefully and follow the instructions meticulously. Any damage caused by non-observance are excluded from the liability of the manufacturer or the WEHA-Ludwig Werwein GmbH.

Check the shipment, any damage to the shipping container. Report damage during transport immediately to the carrier and the company WEHA!

**Any defects caused by faulty installation and use are excluded from the warranty by the dealer or manufacturer!**

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Normally you will the vacuum lifter T packaged with cardboard delivered.

Check before starting with unpacking the accompanying delivery note with the items delivered!

Remove the transport packaging:

- Remove the tape or straps and grab the contents gently from!
- Exercise caution when unpacking the vacuum lifter T before, so as not to damage them!
- Serving the components of the vacuum lifter T on sharp edges can damage the surface protection and other components!
- Dispose of the packaging waste in accordance with local guidelines and lead them back into the material cycle to!

Be sure to check before mounting the package if all required parts are present.

Refer to the dealer or manufacturer if the delivery is not complete.

The package includes:

- 1 x Vacuum Lifters T
- 1 x Operating and Instruction Manual

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**The vacuum lifter T is delivered to you and assembled.  
An assembly of the individual parts is not required.**

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This chapter will teach you how to deal with the working fluid closer. Adhere strictly to use the vacuum lifter T optimally to the operating instructions!

Make sure that the protective layer of the metal parts will not be damaged by sharp objects!

Any defects caused by faulty installation, are excluded from the warranty by the dealer or manufacturer!

- The stone slab to be lifted must be positioned so that you can be transported to the vacuum lifter T. In such cases the suction of your vacuum lifter T can be fully seated.
- The vacuum lifter T must be placed in the center of gravity of the stone slab. Now the rest area of your vacuum lifter technical data refer.
- Make sure that the stone slab to be lifted in the support area of the vacuum lifter T is dust-free and dry. The surface of the stone slab to be lifted must be ground smooth and beyond the stone slab in the contact area must be flat in the area where the vacuum lifter T!
- Now the vacuum lifter T on the stone slab to be lifted in the middle of the center of gravity on the Set.
- Make sure that the sealing lip of the vacuum lifter T is fully seated on the stone slab. Make sure that the sealing lip is not twisted when in place and positioned correctly.

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- In order to use the DL-injector, the air supply to the pneumatic nipple is connected first. The air pressure must not exceed 6.0 bar.
  - Make sure that the vent valve is closed. The lever must here be turned to the right until it is at right angles.
  - By positioning the vacuum by opening the ball valve in the arrow direction.
  - The pressure gauge is displayed, the current release of the vacuum.
  - When you reach a vacuum of -0.8 bar on the pressure gauge a sufficient vacuum is generated and the aspirated stone slab can be transported. The evacuation takes about 1 minute when the security vacuum tank not yet
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**The compressed air supply must not be switched off when the vacuum lifter T a stone plate is sucked!**

- Make sure that no vacuum loss occurs. If a vacuum loss, the stone slab cannot be transported. The sealing lip and the bearing surface shall be checked and it must again be generated vacuum. During another failed attempt of vacuum lifters T is to undergo an examination, whether this is in perfect working condition.
  - With the shekel of the vacuum lifter T is now connected to the lifting device.
- Make sure that the lifting equipment used and the lifter has the required bearing capacity to carry the full load lifting and transport. Make sure using the technical data that the permissible load their lifter is not exceeded. The load is halved when vertical transport of stone slabs!
  - Lift off the vacuum lifter T with the lifting device until the stone slab hangs freely.
  - Make sure now that the stone slab hangs horizontally as possible. By tilting the stone slab of the vacuum lifter T must be set accordingly, as the stone slab otherwise detached from the vacuum lifter T!
    - Now the stone slab can be lifted to transport height.
  - Transport may no vibrations occur and also may not commute the stone slab.

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**Caution Danger!****Never stand under suspended loads!**

**During transport, observe the manometer and settle immediately the stone slab upon the occurrence of a vacuum loss!**

**The danger zone following must not be entered!**

- Make sure that the surface on which you now take the stone slab has sufficient capacity!
  - Is now the stone slab placed and secured, the ball valve must be closed.
- Now open the vent valve . The vacuum chamber and the vacuum tank safety are now ventilated.
  - The vacuum lifter T can now be lifted from the stone slab.

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Below are listed the activities that must be carried out the operator of the vacuum lifter T, by a person with the appropriate technical knowledge!

For damage caused by failure to follow these instructions, the manufacturer accepts no liability!

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- The sealing lip of your vacuum lifter must be cleaned monthly and checked for damage.
  - The water must be regularly attached (as necessary, depending on the humidity of the incoming ambient air) by actuating the drain valve to be emptied in order to prevent rusting of the safety tank inside.
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- The vacuum lifter T is a load receiving means! The entrepreneur who uses the vacuum lifter T has to ensure that the vacuum lifter T is checked at intervals not exceeding one year by an expert! (§ 23, para. 2, BGV D6)
- The next test date of the vacuum lifter is T "next inspection date" shown on the yellow badge. (z. B. in April 2004)
- repairs and welds (poisoning!) Must be performed only by persons who have the necessary knowledge and skills for this!
- You can check your vacuum lifter T by an expert at the company WEHA-Ludwig Werwein GmbH in Königsbrunn, ask us!

This inspection must be performed at least once a year.

- Check the vacuum lifter T annually rusty bodies, in particular all welds.
- Remove the rust and protect this site by applying a suitable rust inhibitor, z. B. Zinc spray.
- Check all fittings of the vacuum lifter T for looseness and tighten the screw if necessary.
- Check the rubber seal lip damage and can replace it if necessary, by the dealer or manufacturer.

Repairs and welds (poisoning!) Must be performed only by persons who have the necessary knowledge and skills for this!

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