



Pos.	Description	Quantity	Pos.	Description	Quantity
1	Main Body	1	34	Bearing Cover	1
2	Rear Gasket	1	35	End Plate Cover	1
3	Oil Seal	1	36	Rear Gasket	1
4	Water Inlet Tube	1	37	Foundation	1
5	Water Inlet Transfer Post	1	38	Screw	1
6	Hex Screw	4	39	O-Ring	1
7	O-Ring	2	40	Screw	1
8	Bushing	2	41	O-Ring	3
9	O-Ring	1	42	Retainer Ring	1
10	Screw	1	43	Hex Screw	4
11	Bearing	2	44	Pin	1
12	Retainer Ring	1	45	Wave Washer	1
13	Spiral Gear	1	46	Regulator Lever	1
14	Bearing	1	47	Replacement Block	1
15	Oil seal	1	48	Water Inlet	1
16	Spindle	1	49	Air Inlet	1
17	Locking Key	1	50	Water Inlet Tube	1
18	O-Ring	1	51	Handle Set (Top)	1
19	Fountain Head	1	52	Grease Inlet	1
20	Locking Screw Cap	1	53	Snap Ring	1
21	Spring Washer	4	54	Adaptor A	1
22	Handle Set (side)	1	55	Adaptor B	2
23	Rubber Grip	1	56	Shield	1
24	Spiral Gear	1	57	Water Inlet	1
25	Bearing	1	58	Water Pipe	1
26	Rotor Collar	1	59	Air Tube	1
27	Front Plate	1	60	Muffler Tube	1
28	Spring Pin	1	61	Air Inlet	1
29	Cylinder	1	62	Open Spanner	1
30	Rotor	1	A	Spindle Set	1
31	Rotor Blade	4	B	Regulator Set	1
32	End Plate	1	C	Hose Set	1
33	Bearing	1			

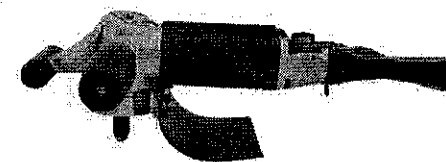
**Pneumatic-Angle Grinder Q-B9**

Illustration 1  
Total View Pneumatic-Angle Grinder Q-B9

Name	DL-Angle Grinder
Type	Q-B9
Machine/Serial Number	
Reception thread size	5/8"-11
Max. revolutions/min.	4.000
Total length	227 mm
Unit net weight	1,82 kg



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## 1 Contact

For any questions and orders, please contact WEHA-Ludwig Werwein GmbH or the producer directly.

<p><i>In Deutschland</i> WEHA-Ludwig Werwein GmbH</p> <p>Post Box 13 55 86331 Königsbrunn/ Augsburg Wikingerstr. 15 86343 Königsbrunn/ Augsburg Telephone: +49 (0) 8231 / 60 07-0 Telefax: +49 (0) 8231 / 60 07-48 E-mail: info@weha.com</p>	<p><i>In North America</i> Weha LLC</p> <p>1408 Center Park Drive Charlotte, NC 28217</p> <p>Telephone: Local-704-940-0115 Telephone: Toll Free-877-315-4761 E-mail: brian.gambrel@weha.com</p>	<p>Visit our Website:</p> <p><a href="http://www.weha.com">http://www.weha.com</a></p> <p>E-mail: info@weha.com</p>
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## 2 Conformity Declaration –“CE“





EC-Declaration of Conformity EWG Nr. 89/392/EWG (EN 292)		
Importer: WEHA - Ludwig Werwein GmbH Wikingerstr. 15  86331 Königsbrunn	Machine Type: Pneumatic-Angle Grinders Q-B9  Applications: For Grinding and Polishing of Stone Plates	Machine Number:
We hereby certify that the above mentioned machine corresponds to the requirements of the above guidelines.		

## 3 Symbols and Warning Instructions

Following explanations of the symbols appearing either on the machine, respectively in the operating instructions manual will provide you the significance of the symbols and to assist you to understand them.




### 3.1 Symbols on the Pneumatic-Angle Grinder Q-B9

The following symbols can appear on the Angle Grinder:

- 
This symbol points out the availability of the operating instructions manual to the operator and obliges him to read these instructions carefully prior to the installation or the commissioning of the machine.
- 
This warning sign appearing on the machine points out the presence of electrical tension to the operator. The strength of which is sufficient to cause injury by an electrical shock if touched at the danger point. At this location ones health and life are in danger!
- 
This warning symbol points out the obligation of the operator to wear a hearing protection device and eye protective goggles.
- 
This warning symbol points out the obligation of the operator to wear safety shoes, gloves and a helmet.


## 3.2 Symbols in the Operating Instructions Manual

The following symbols can appear in the operating instructions manual and are explained as follows:


- 
This exclamation mark framed in an equilateral triangle points out very important information to the operator and it is recommended to read and follow the stated instructions with particular attention.
- 
This symbol refers to the requirement to observe recycling regulations. Certain materials can be channelled into the recycling process whereby resources can be saved and the environment is protected.
- 
Marking of switches, articles, etc. in the pictures of the operating manual. The first digit refers to the beginning with letter A, for the marking (e.g. Article D) and the second digit is the current numbering of the picture (e.g. picture 6.2) with in 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 Pneumatic-Angle Grinder Q-B9

Please pay attention to the information about the use of this machine respectively unit.

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**Attention! Danger of Injury!**  
The inappropriate use could lead to personal injuries and material damage!


- The machine is especially conceived for one or several fields of application. The following chapters should explain to you the application uses as well as the possible dangers during the use of the working tool.

### 4.1 Application of the Pneumatic-Angle Grinder Q-B9

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

The Pneumatic-Angle Grinder is a device to facilitate the grinding and polishing of stone plates.

Please note the following characteristics:

- Universal applications Pneumatic-Angle Grinder
- Waste air recovery through special construction with recovery hose
- Total robust construction with reduced vibration and sound intensity
- Low weight and compact design
- Rubber grips for optimal protection against inclement weather
- Freely adjustable air and water quantity
- Central water inlet and reduction of dust

### 4.2 Inappropriate use

The Pneumatic-Angle Grinder serves exclusively for use in the grinding of stone surfaces in conjunction with "Weha-Microglanz". Handling with "Bakelit" – grind rings is not anticipated / recommended.

Use the Pneumatic-Angle Grinder Q-B9 exclusively for the anticipated purpose and omit using materials that could damage the metal or individual parts!

- The Pneumatic-Angle Grinder Q-B9 is complete and especially designed for the application.
- The Pneumatic-Angle Grinder Q-B9 should not be used with an air pressure of 8,2 bar since higher pressure will cause damage.
- The pneumatic air to be used must be dry and be treated with oil.
- Only start the Pneumatic-Angle Grinder Q-B9 after the mounting plate and the grinding segment has been secured.

#### 4.3 Safety Regulations

- Please read thoroughly these operating instructions before using the machine!
- Keep the operating instructions carefully in the proximity of the machine and for all future cases of doubt!
- The self-willed changes or installing of additional devices lead to the extinction of any liability claim to the dealer or manufacturer!
- Remove all articles from the work area which represent a possible source of danger!
- Only authorized persons may use the Pneumatic-Angle Grinder. Each user must have read and understood this documentation!
- The Pneumatic-Angle Grinder is to be used with a maximum air pressure of 6.0 bar!
- Keep the working area clean and provide for adequate lighting!
- Make certain that the work area offers a stable and slip proof surface!
- The Pneumatic-Angle Grinder Q-B9 may not be used in an explosive proof designed room or area!
- Make certain that prior to using the machine that there are no hidden electrical wires which could be damaged!
- Always wear suitable protective clothing in accordance with prevailing regulations for prevention of accidents!
- Hereto belong among others:..
  - Work shoes in accordance with regulations for prevention of accidents!
  - Work shoes in accordance with regulations for prevention of accidental
  - Protective work helmet in accordance with the regulations for prevention of accidents!
- Check to see if the mounting plate and the grinding segment are secure!
- Check to see that the dimensions of the used plates coincide with the dimensions of the the take on spindle!
- When attaching the Plate the machine must be separated from the supply of air!
- Utilize exclusively those work pieces which are suitable for the machine e.g. Stone!
- Check to see whether during use, nobody is in the proximity of the equipment in order to avoid danger to other persons!!
- Check to see if all parts are correctly installed!
- In case of damages or malfunctions of the machine occur, please contact immediately the dealer or the manufacturer!
- Protect the machine from all weather influences such as rain, sun, humidity, etc.
- In the event that irreparable damages or other reasons arise to prevent no longer using the machine, provide for putting out of service, by making the machine useless and making certain that there is no danger to a third party!
- Check to see whether the materials can be recycled during the waste disposal process!



#### 4.4 Machine Identification Plate

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

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

#### 4.5 Technical and Structural Data

Total length (mm)	227 mm	Total net weight Q-B9	1,82 kg
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### 5 Assembly

Please read carefully the information in the chapter „Assembly“ and follow exactly the instructions. Any damages arisen from inattention to the instructions relieve the manufacturer or WEHA-Ludwig Werwein from any liability.

Check the supplied commodity for any damages of the transport packing. Please immediately advise the transport carrier and WEHA of any damages detected.

#### 5.1 Scope of Supply

Prior to assembly of the commodity check to see if all necessary components are available.

The scope of supply belongs the following:

- 1 x Pneumatic-Angle Grinder Type Q-B9
- 1 x Operating and Maintenance Instructions

- Air pressure hose with nipple connection 1/4"
- Water hose with „Gardena“-coupling connection
- Waste air hose with hose clamp / binder
- Lateral hand grip
- Bow grip with attachment screws
- Locking key for attaching and releasing of the mounting plate

#### 5.2 Removing of the transport packing material

Usually the Pneumatic-Angle Grinder Q-B9 is delivered with cardboard packaging

- When unpacking, please check the packing list with the supplied articles!

Remove the packing material:

- Release the adhesive strips and/or the strapping belts and unpack the contents carefully!
- Be careful during the unpacking of the Pneumatic-Angle Grinder Q-B9 in order to prevent damages to the unit!
- Strong banging of the construction parts of the Pneumatic-Angle Grinder on sharp edges can damage the surface protection and other construction parts!
- Dispose of the packing materials in accordance with local prevailing guidelines of the recycling process!

#### 5.3 Assembly Instructions

- Un-screw the screw cap of the air pressure connection of the grinder and press the supplied air pressure hose (orange) firmly on to the connecting piece. Connect the hose with the aid of the screw cap onto the connecting piece.
- Press the water hose (transparent) firmly on to the right hand side socket of the grinder, (indicated with the word "water").
- You then turn the air waste hose (blue) over the mounted hose and connect it with the available clamp/binder on to the end piece of the grinder.
- You then connect according to the need either the lateral handgrip of the supplied bow grip on to the grinder. The lateral handgrip is equipped with a thread, which can be turned left or right on the top end of the grinder. The bow grip can be attached with the aid of the supplied connecting screws.
- Screw on the mounting plate through the locking of the mounting spindle on the grinder.
- Connect then the grinder with the air pressure and water supply as indicated in Chapter 6.

### 6 Operating Instructions of the Pneumatic-Angle Grinder Q-B9

The aim of this Chapter is to inform you how to work with the unit. Please consider the operating instructions in every detail in order to optimize the use of the Pneumatic-Angle Grinder Q-B9!!

Please make certain that the protective covering of the surface will not damaged by any sharp cornered objects!!



Any defects arising from inappropriate assembly will extinguish any Guarantee through the dealer or the manufacturer!



Please pay unconditional attention to the safety regulations as stated in Chapter!

- Screw on the desired mounting plate (Thread 5/8"-11) on to the spindle of the angle grinder (normally a "Velcro" mounting plate and position it to the desired grinding segment.
- You then connect the air pressure hose (orange) to your air pressure supply unit and the water hose (transparent) with a water supply unit.
- The maximum permissible air pressure carries 6.2 bar for the Pneumatic-Angle Grinder Q-B9. The air pressure supply must be dry and treated with air pressure oil. Utilize for this purpose cold dryer and customary air pressure oil.



Attention Danger! The Pneumatic-Angle Grinder may not be used in an area designated as an explosion proof area since not suitable for this environment!





Attention! The grinder will be operated by turning of the control knob located on the side (see illustration 5.1). Be careful before the adjusting that the mounting plate and the grinder segment are correctly mounted!



## 7 Maintenance

The pneumatic-angle grinder does not normally require regular maintenance so long as the following points during operation are observed:

- Make use of a air pressure service unit, thereby avoiding premature wear and tear of the unit.
- Make use for this machine, a suitable grinding plate and grinding segment with the same mounting size.
- Pay strict attention to the safety precautions as stated in chapter 3.3!

## 8 Guarantee - Warranty

The guarantee covers any material faults.

The guarantee does not cover wear and tear components. Inappropriate treatment, opening of the unit, as well as using for other purposes leads to the extinguishing of the guarantee claims. Damages, which have been caused by frost damage, are not covered under the Guarantee.

## 9 Parts Listing and Drawings of the Pneumatic-Angle Grinder Q-B9

In the following chapter you will find the parts list for the Pneumatic-Angle Grinder Q-B9. Please consider when ordering of spare parts that a smooth completion of your order can take place only upon receipt of complete information about the data specified in the parts list. Therefore always indicate with an order the quantity, the piece's description, the article number and if necessary the standard abbreviations.



# Q-B9

