



KERNLOCHBOHRER[®]
PROFESSIONAL POWER TOOLS



Operating instructions

Vacuum base plate VGP-420/PRO

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Introduction

Thank you for choosing the VGP-420/PRO vacuum base plate from Kernlochbohrer GmbH. A high quality product based on the latest technology. We are constantly striving to improve our products in our product segment and will continue to supply the market with new products.

Our company declines all responsibility in the event of violations of the operating instructions that may lead to injuries or machine damage. In addition, all currently applicable regulations of the Accident Prevention Regulations (UVV) and the Employer's Liability Insurance Association (BG) must be observed.

About this guide

These operating instructions are for the model
VGP-420/PRO

Check the machine model against the nameplate.



Note

Read the entire operating manual carefully before using the vacuum base plate. Special attention should be paid to the "Safety precautions" section.

Kernlochbohrer GmbH reserves the right to change the design and appearance of the products and their operating instructions. Future changes to the operating instructions will be made without prior notice.

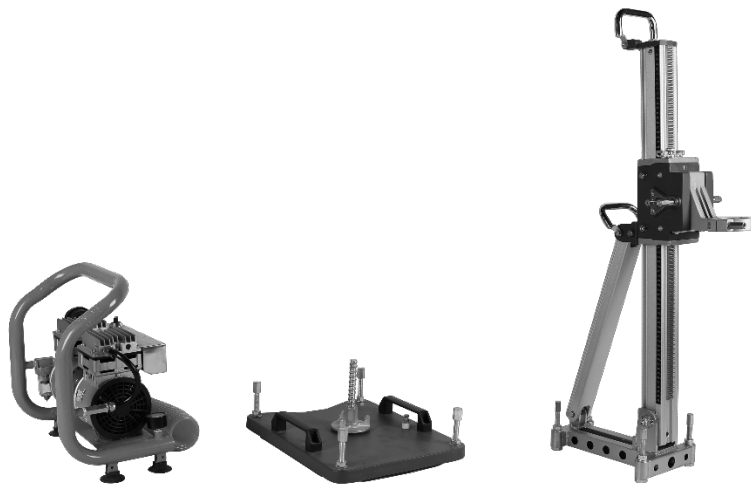
Safety regulations

❖ Read all precautions before use and keep the operating instructions.

1. This product is not intended to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product.
2. In the event of misuse, improper operation or improper repair, no liability will be accepted for any damage.
3. Keep your work area clean and well lit. Disorder and unlit work areas can lead to accidents.
4. Before mounting the drill motor on the drill stand and before you start drilling, make sure that the drill stand is properly secured.
5. Check all moving and clamped parts before use.

Use with a vacuum pump

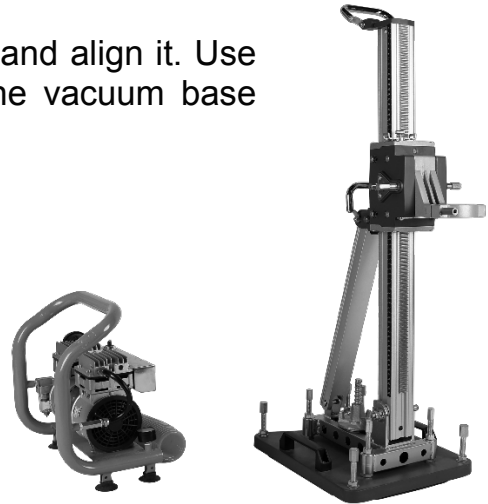
Please prepare all necessary tools, including vacuum pump, vacuum hose, vacuum base plate and adjustment tool.



Check the seal on the vacuum base plate for wear and damage.

Mount the core drill rig on the vacuum base plate and align it. Use adjustment tools to mount the core drill rig on the vacuum base plate.

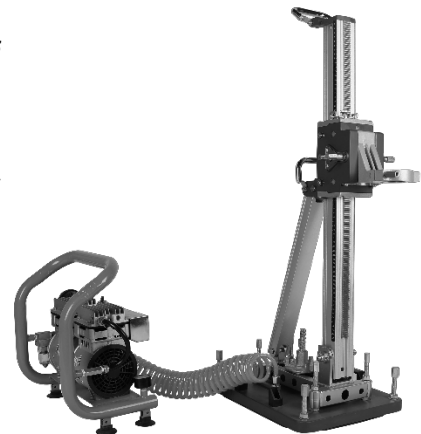
Verbinden Sie nun die Vakuumbasisplatte mit der Vakuumpumpe durch den Vakuumschlauch. Schließen Sie dann das Auslassventil des Unterdrucks an der Vakuumbasisplatte.



Now switch the vacuum pump to "ON" and wait until a vacuum of 0.9bar is reached. Check the firm hold of the plate and the drill stand.

Now you can start working. Max. Drilling diameter when fastened to the floor: 162mm

If you notice that the vacuum base plate or the drill stand moves during work, interrupt the process immediately and check the entire fastening. If the drill stand cannot be fixed 100% with the vacuum base plate, you must dowel the drill stand to the floor.



Warning!

In the case of overhead drilling, vacuum attachment to the ceiling is prohibited as this may cause serious injury.

Work on the wall

When drilling on the wall, the vacuum base plate is attached to the wall first. Before mounting the drill stand, always ensure that the vacuum base plate is firmly fixed and that the vacuum of 0.9 bar is permanently applied. Once this is ensured, the drill stand can be attached to it.

The use of our vacuum base plate for drilling on a wall is permitted up to a max. Ø 102mm. The max. total weight (core drill rig, core drill and core bit) must not exceed 25kg. Please also always make sure that the sealing of the plate is not damaged or worn, the condition of the wall is smooth, even and clean. There must always be a permanent negative pressure of min. 0.9bar. If this is not guaranteed, this type of fastening must not be selected. Please check the fixation of the entire superstructure before starting work. If it is possible to move it, remove the stand again and fasten it to the wall with a fastening dowel.

Disassembly of the wall structure

When disassembling the wall structure, proceed as follows:

1. First remove the drill stand from the vacuum base plate.
2. Remove the pressure hose.
3. Hold the vacuum base plate with one hand and open the vacuum valve on the plate with the other hand.
4. Store the vacuum pump, the vacuum base plate and the pressure hose in a safe place so that nothing is damaged.

Environmental protection

Raw material recovery instead of waste disposal!

To avoid transport damage, the product must be shipped in sturdy packaging. Packaging as well as product and accessories are made of recyclable materials.

The plastic parts of the product are marked according to the material. This enables environmentally compatible, single-variety disposal via the collection facilities offered.

For EU countries only

Do not dispose of power tools in household waste! According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in national law, used power tools must be collected separately and recycled in an environmentally friendly manner.

Warranty

In accordance with our general terms of delivery, a warranty period for material defects of 12 months applies in business transactions with companies (proof by invoice or delivery bill). Damage caused by natural wear and tear, overloading or improper handling shall remain excluded from this. Damage caused by material or manufacturer defects will be remedied free of charge by repair or replacement. Complaints can only be accepted if the product is sent to the supplier unassembled.

EC Declaration of Conformity

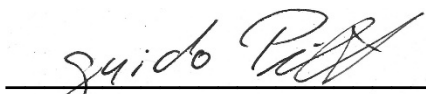
It is necessary that the machine operated with this vacuum base plate (e.g. DKB-PRO series) complies with the requirements described in the technical data of the drill stand and the vacuum base plate (e.g.: drill diameter, machine mounting). We hereby declare that this unit has been designed in accordance with Directive 2006/42/EC. Commissioning of this drilling unit is prohibited until it has been determined that the power tool to be connected to this unit complies with the provisions of Directive 2006/42/EC (recognizable by the CE marking on the power tool)

Name and address of the person authorized to compile the technical documentation:

Kernlochbohrer GmbH
Geigersbühlweg 52
72663 Großbettlingen

Location: Großbettlingen

Date: 17.05.2023



Guido Pillat
Chief Executive Officer