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# Kernloch-Bohrmaschine Kurzanleitung Core hole drilling machine short form instruction

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This machine was especially designed for applications in aircraft construction. The drilling machine and the vacuum cleaner work off the line. They are made for being used on any kind of flying field around the world.



Put the ready-to-use drilling machine with the connected vacuum cleaner on the ground to be drilled. Make sure that the three support feet of the protecting cap are standing safely and firmly.

The device shall only be touched at the protecting cap. Push the drilling machine inside the protecting cap forward until the peak of the drill touches the ground to be drilled. Move the trailing ruler forward by hand until the zero point line exactly matches the rear brim of the protecting cap. Now, the vacuum cleaner may be switched on.



The drill may not touch the ground to be drilled when standing still. Set the drilling machine with the rotating drill vertically on the underground to be drilled. Drilling shall be carried out at intervals and not in one go. Press the drill manually about 1 [mm] deep into the material. Having done this, remove it from the drilled hole to remove the dust from the diamond coating. Read the realized drilling depth from the trailing ruler on the drilling machine.



When the hole has been drilled completely, the collect chuck can be released by using two wrenches, and the hollow drill can be removed carefully. Use the supplied tool to get the drilling core out of the drill.

After this, the drill must be fixed safely to the collect chuck. When the work is done, the whole equipment can be stored in the supplied cases.

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