

 VDL STEELWELD	WORK INSTRUCTION	Date: 01-01-2025	Enterprise Management System
<h1>Working with the drill press</h1>			

1. Purpose

To be able to work with the machine safely, in accordance with VDL Steelweld guidelines and applicable laws and regulations.

2. General

The machine is fitted with a solid base plate that is bolted to a table or other solid base. A steel column is mounted perpendicular to the base plate. They are usually fitted with a clamping table which can be adjusted in height by means of a gear rack on the column and a crank handle with pinion on the clamping table. Once the proper height is set, the table can be secured with a clamping device on the column

3. Risks

- Coming into contact with the rotating tool
- Being pulled in by the rotating tool
- Being struck by flying material (swarf)
- Turning of the product if the drill bit becomes stuck
- Drill press falling over or rocking back and forth

4. Measures

- Shield moving parts with a protective cover; a pivoting guard must be switch-protected (i.e. the drill must switch off when the guard is swung open). The guard must also shield the drill chuck and bit from three sides
- Adjust guard so the drill chuck and bit are protected in the starting position
- Use a drill press for its intended purpose
- Wear safety glasses and ensure that they are approved, well maintained and clean
- Make sure that workpieces are secured firmly in place
- Do not wear gloves, do not wear loose clothing, and do not work with long, loose hair
- Wear protective gloves and safety glasses
- Stop drill when removing drilling swarf
- Stop drill when moving or swapping the product. Do not perform any operation under a rotating drill.
- Ensure that the drill is stable and properly mounted on the base plate
- Use of drill press only by certified personnel

5. Picture



6. Pictograms



7. Required PPE



- Check that the guard is present and operating correctly
- Make sure that workpieces are firmly secured in place
- Adjust guard so the drill chuck and bit are protected in the starting position
- Check the operation of the limit switch in the upper position of the drill chuck



- Never use a drill press if you have not yet been instructed in its use
- Do not wear gloves, do not wear loose clothing, and do not work with long, loose hair
- Never remove the guard from the drill chuck

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