

 <b>VDL STEELWELD</b>	<b>WORK INSTRUCTION</b>	<b>Date: 01-01-2025</b>	<b>Enterprise Management System</b>
<h1>Vertical band saw (wood)</h1>			

## 1. Purpose

The purpose of these safety instructions is to ensure that, having read the instructions, the employee is aware of the risks associated with the described work activities and can perform them safely.

## 2. General

A band saw makes use of a continuous saw blade guided by two wheels to cut metal or wood. In order to ensure a straight cutting line the saw blade is stretched very tightly over the wheels. The band saw can be set to cut at different angles. The biggest difference between cutting wood and metal is in the saw blade. For metal there is more tension on the saw blade, more teeth per cm and coolant is used to extend the life of the saw blade.

## 3. Risks

- Incorrect use
- Injuries caused by contact with the saw blade or swarf/saw dust
- Breaking of the saw blade

## 4. Measures

- Wear the required PPE
- Lock main switch and emergency stop switch when changing the saw blade
- For cleaning, wait until the blade has come to a stop and lock the switch
- Avoid rough contact between the blade and the workpiece
- Keep body parts out of danger zone
- The band saw is equipped with an emergency stop
- Clean up swarf and saw dust regularly
- Use of band saw only by certified personnel
- Make sure the entire saw blade is protected, except in the vicinity of the cut
- Check whether the machine is certified before use

## 5. Picture



## 6. Pictograms



## 7. Required PPE



- Do not wear loose clothing
- Wear the required PPE
- Keep limbs out of the danger zone
- Use a push block
- Make sure the dust extraction system is working properly
- Make sure the saw blade guard is present



- Do not put limbs in the danger zone
- Do not allow saw dust to accumulate
- Do not continue sawing with a dull blade
- Do not use the saw to cut materials it is not intended for

<b>Owner:</b>	<b>Status:</b>	<b>Document code:</b>	
HSE Coordinator	Released	I.01.18	Page 1 of 1