

# Operation Manual

## Beading Machine for Sheet Metal Working

62054



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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## Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

The beading machine is operated by hand and forms sheets up to a thickness of 1.20 mm. The machine is made of cast iron and steel, which ensures minimal deflexion of the workpiece during forming.

## Security instructions

- Keep your work area tidy and ensure that there is adequate lighting. Untidy and poorly lit work-places increase the risk of injury.
- Pay attention to your working conditions. Do not use the device in a damp or wet environment. Do not expose the device to rain.
- Keep children away from your work area. Do not allow them to operate the beading machine.
- Store unused devices and accessories. When not using the device, store it in a dry place and protect it from rust. Lock it up securely and keep it out of children's reach.
- Do not use the beading machine forcibly. It works better and safer when used in the performance range for which it is intended.
- Make sure that you have a secure stance and do not lean too far forward.
- Care for and maintain the device carefully. Keep it clean for better and safer performance. Keep the handle dry, clean, and free of oil and grease.
- Stay alert and focus your full attention on what you are doing. Do not use the device when you are tired or under the influence of alcohol, drugs, or medication.
- Check the device for damaged parts before each use. Make sure that it can work safely. Check the beading machine for incorrectly aligned and blocked moving parts, broken parts, or defective assembly devices, as well as all other circumstances that could impair safe operation. Repair or replace each damaged part.
- When maintaining, only identical spare parts must be used. Only use accessories made to be used on the device.

**Important!** The beading machine and the rollers are coated with a protective agent. To ensure proper fit and operation, remove this coating, which can be done with mild solvents, e.g., alcohol, and a soft cloth. Avoid applying cleaning solution on paint or rubber or plastic parts. Solvents can attack them. Use soap and water on the paint, plastic, and rubber parts. After cleaning, cover all exposed surfaces with a light layer of oil. Whenever possible, do not use flammable solvents.

## Technical specifications

<b>Max. workpiece thickness (mm)</b>	1.2 (0.05") with soft steel 1.8 (0.07") with aluminium
<b>Roller diameter (mm)</b>	inside 22, outside 55
<b>Insertion depth (mm)</b>	440 (17")
<b>Weight (kg)</b>	24

## Mounting

The device should be placed on a level surface sufficiently lit, if possible, on a workbench. Make sure that there is enough free space on the sides so that the crank can be turned without any problems. The area surrounding the machine should be free of waste, oil, and dirt.



## Operation

1. Choose the roller set required for operation.
2. Place the roller spacers and the retaining nuts on the input and output shafts. Tighten the retaining nuts with a wrench.
3. With the adjustment handle, adjust the position of the upper roller according to the thickness of the workpiece.

## Lubrication

1. All metal surfaces exposed should be coated with light oil to prevent rust from forming. Use multi-purpose grease or bearing grease for lubrication.
2. The setting block should be greased.
3. Oil the drive shaft monthly through the oil openings.

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