



Operating Instructions for Skiving machine G50

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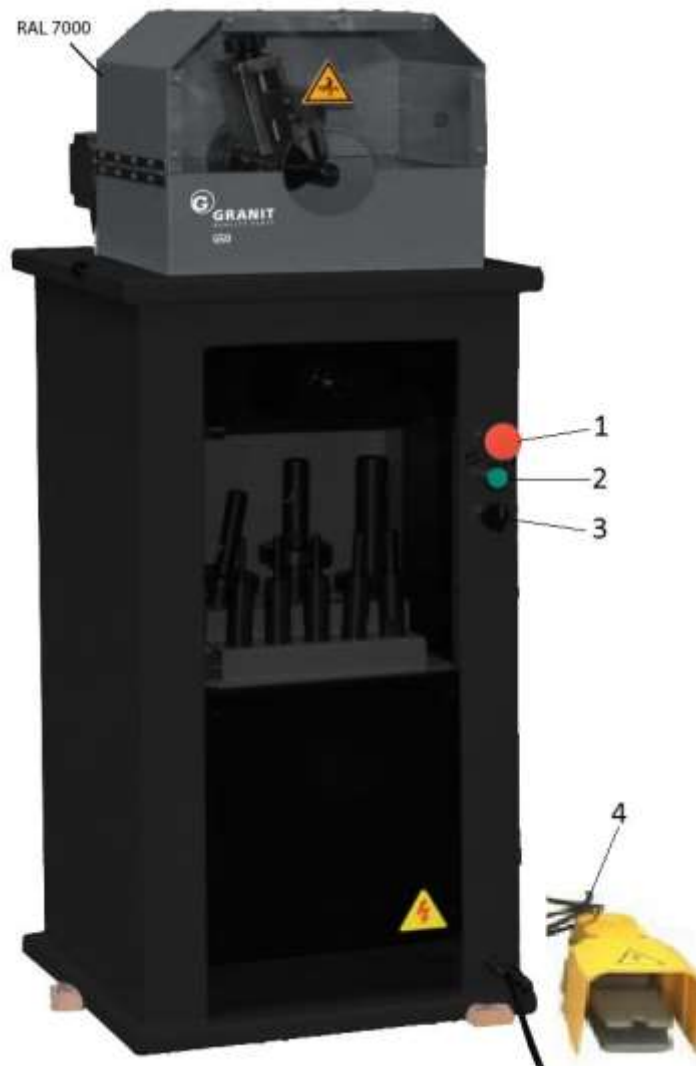


Figure 1G50

**These operating instructions must be read thoroughly before use and followed.
These operating instructions must be retained for future reference.**



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1. About these Instructions and symbol descriptions

The information in these Operating Instructions is labelled as follows:

	DANGER	Warning of personal injury or environmental damage.
	IMPORTANT	Warning of property damage.
	NOTE	Additional information.

- Numbers in illustrations (1, 2, 3 ...) refer to the corresponding numbers in brackets (1), (2), (3) ... in the text next to the item numbers in the tables.
- Instructions for which the order must be followed are numbered (1, 2, 3, ...)
- Lists are marked with a dot (•, •, ...)

Safety and accident prevention rules

2.1 General safety instructions

- These operating instructions were prepared so that you can work safely with the equipment.
- People who are not familiar with these instructions should not perform these actions.
- Read these Operating Instructions thoroughly before use. Pay particular attention to the safety instructions.
- These Operating Instructions are intended for people with basic technical knowledge in using equipment such as that described here.
- If you have no experience with such equipment, you should first get assistance from experienced persons.
- Keep all supplied documents with the equipment for future reference if required. Keep the purchase receipt for any warranty claims.
- If you lend or sell the equipment, supply all documentation with it.
- Observe the operating and maintenance instructions found in this manual.
- Children should be supervised to ensure that they do not play with the equipment.
- Mechanical maintenance should be performed at the prescribed intervals and in the prescribed scope.
- Following maintenance work, all dismantled protective devices must be properly reinstalled. The protective devices and their protective functions should be inspected by a competent person before using the machine.
- Defective equipment must be repaired promptly in order to minimize the extent of damage and avoid endangering the safety of the equipment.
- The presses should only be used and operated under the conditions laid down in these operating instructions.
- Retrofits, changes or modifications to the equipment are strictly prohibited. They require consultation with and written approval by the manufacturer.
- If during operation (residual) hazards and risks become apparent which are not described in this manual, the operator is obliged to report this to the manufacturer.
- Never work or reach between or on moving pressing tools.
- Do not change the settings of the safety components. Before each use check for proper functioning, especially the hydraulic oil level, and check for possible leaks.



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- Liquid under high pressure can cause severe or fatal injury! In case of injury contact a physician immediately!
- Before working on the hydraulic system de-pressurize the system!
- Regularly check hydraulic lines and replace if worn or aged! Replacement hoses must meet the manufacturer's technical specifications! If not otherwise specified by the manufacturer, replace hydraulic hose lines at least after 6 years (due to aging)!

2.2 Precautionary measures



- Always wear protective gloves when performing setup, maintenance and cleaning work on the equipment, to prevent injury from sharp parts.
- While working with and on the equipment wear protective work gloves that fit snugly, safety goggles and work shoes.
- Wear body-covering, snug-fitting clothing.
- Before each use always perform a visual and then a function check of the equipment to identify damage and worn parts, and arrange for their repair by trained personnel before use.

Ensure that the equipment is always on a solid and stable base.

- Observe care and maintenance instructions.
- The press may be operated only by persons 16 years or older. As an exception, use by a teenager is permitted in the course of training to attain skill under the supervision of an instructor.

3. Intended use

The G50 Hydraulic Press is designed and manufactured for crimping 1 ¼" , 1 ½" and 2" hydraulic hoses. The device also has a hydraulic hose cutting tool.

The press is made for use in dry, non-freezing interior spaces.

It consists of an attachment for the crimping die and the hand pump for generating the operating pressure.

The manufacturer shall not be liable for damages caused by failure to comply with generally accepted rules as well as the instructions in this manual, including insufficient maintenance. The manufacturer is not liable for any damages resulting from these causes.



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4. Warnings on the machine

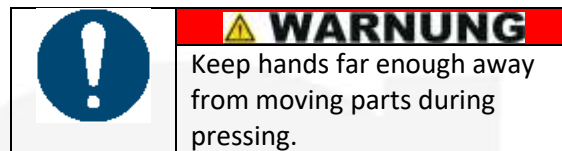
The machine is intended only for professional use. It should be operated only by trained personnel. The openings between the matrices exceed 6 mm for technical reasons, and so are large enough that they can crush a finger!

It is therefore absolutely necessary to observe the Operating Instructions and warnings in all operating cycles of the machine.

Warnings are given as stickers on the machine and in these Instructions.

Do not remove or cover the warning stickers. Immediately replace damaged warning signs with new ones.

Warning 1:



For technical reasons, some die parts are not covered. Their travel is short and they move very slowly. This limits the danger of crush injury, since the movement is small and the speed is low. However, never let body parts get between these or any moving parts.

Additional warnings:

Warning of rotating machine parts	Warning of hand injury	General warning

The noise developed by the equipment in operation has been measured as no higher than 70dB(A).



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5. Components of the press

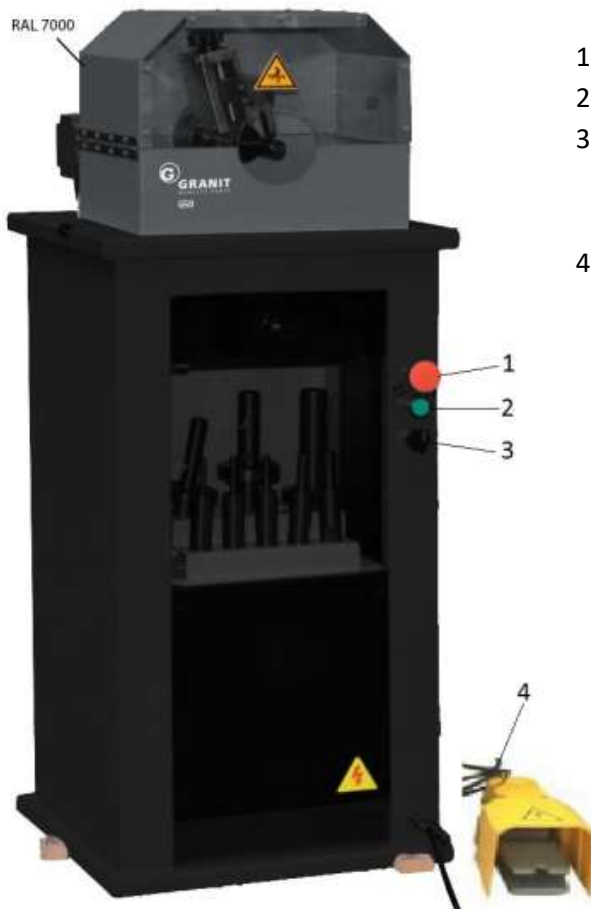


Figure2



Figure3

Legend, Fig. 2:

1. Emergency off switch
2. Supply voltage control light
3. Knob; turning the knob to the left turns the tools to the left and turning the knob to the right turns them to the right.
4. Foot pedal for starting and stopping movement

Legend, Fig. 3:

1. Height adjustment: Turn right to reduce cut depth, turn left to increase cut depth
2. Arrest knob for holding hose to cut to desired length
3. Blade for hose and outer hose sleeve
4. The screws hold the cutting tool and control the cut depth.
5. Rocker function
6. Hose cutting tool There is a seal for each hose diameter (1¼", 1½" and 2").
7. Fixed seal for setting the depth of the inner hose
8. Setting scale for setting the cut depth of the outer sleeve.

6. First use

Place the machine on an even and stable base. Use the adjustable foot to align the machine so that it stands firmly and securely.



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7. Care and maintenance

7.1 Lubricating contact surfaces

The machine should be cleaned and lubricated every eight (8) hours.

Remove the die sets to grease the contact surfaces. Use a small brush to lubricate the conical surfaces in the cylinder.

It is better to lubricate frequently but sparingly, than rarely but lavishly. If not lubricated the machine will lose pressing force and the sliding surfaces will be damaged.

Use the lubricant recommended by the manufacturer: Optimol Viscogen 4 or equivalent.

8. Disposal

The separate, environmentally friendly disposal of materials encourages recycling of materials. Therefore, after expiry of the normal service life, the equipment itself and all related components, including the lubrication, packaging and wear parts, should be disposed of at a recyclables collection point.

Packaging, equipment and accessories are made of recyclable materials and should be disposed of accordingly.

If the unit is no longer serviceable, make sure it is unusable before disposal.



DANGER: If you do not have the necessary expertise, engage a specialist for dismantling and disposal. INJURY HAZARD!

!!! Always observe local disposal regulations!!!

9. EC declaration of conformity

EC Declaration of Conformity for Machinery (EC - Directive 2006/42/EC)



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The distributor,

Wilhelm Fricke SE

Zum Kreuzkamp 7

D-27404 Heeslingen, Germany

hereby declares on its sole responsibility that the Hydraulic Line Crimp Device

Type/series identification: G50

is in conformity with the provisions

of *Machinery Directive 2006/42/EC*. Appendix I

The product was developed in accordance with the following standards:

EN 60204-1:2006/AC:2010

EN ISO 12100:2010

Technical documentation is kept by:

Arndt Strate, Wilhelm Fricke SE

The serial number and model year are shown on the type plate of the equipment.

Heeslingen, 28 July 2018

Holger Wachholtz

(Managing Board)

10. Guarantee

The warranty terms of Wilhelm Fricke SE, as can be found in the sales documents and the current version of the Terms and Conditions, apply.



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In case of questions, please contact the company's customer service line.

11. Addresses

Sales/Customer Service /

Tel.: +49 (4281) 712 712

Spare parts sales:

Fax: +49 (4281) 712 324

Postal and shipping address:

Wilhelm Fricke SE

Zum Kreuzkamp 7

D-27404 Heeslingen

12. Legal Notice

Original Operating Instructions for Skiving machine G50
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