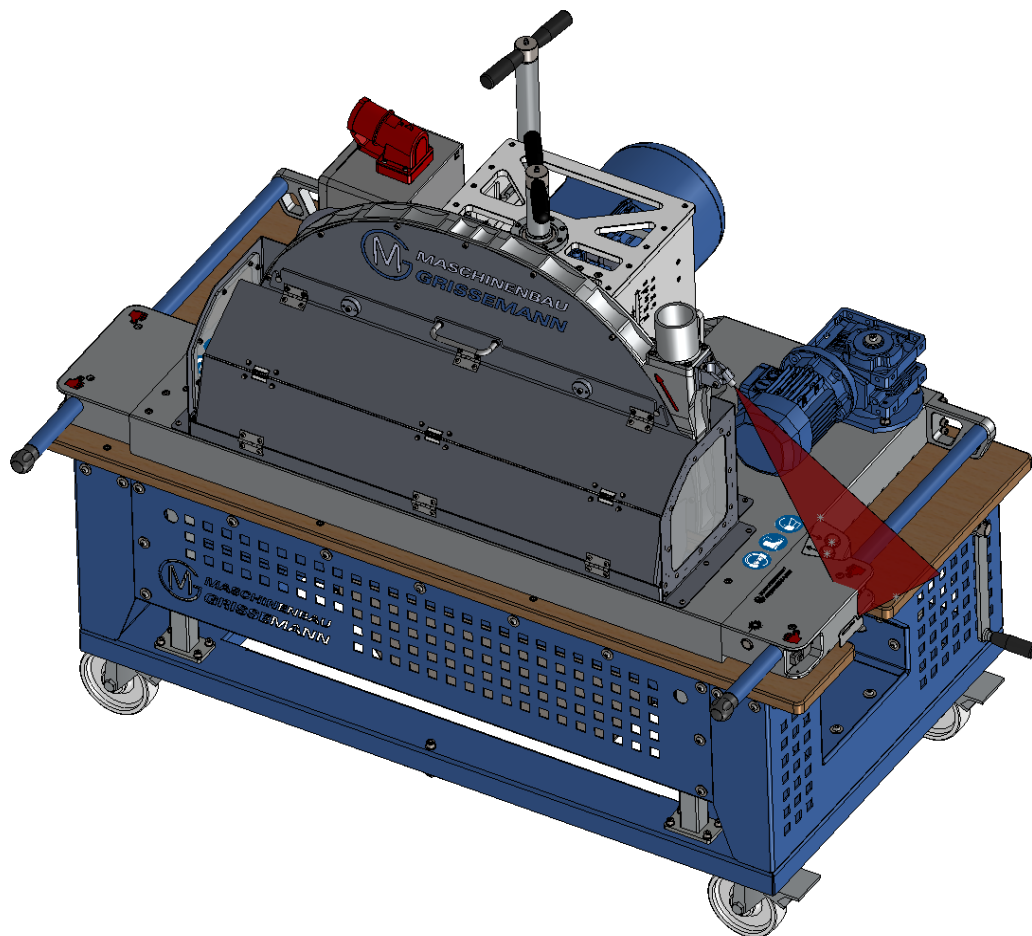


Two-man circular saw ZH 780

Original operating instructions

V 3.00 / 12.2024 / German



 **MASCHINENBAU**
GRISSEMANN GmbH

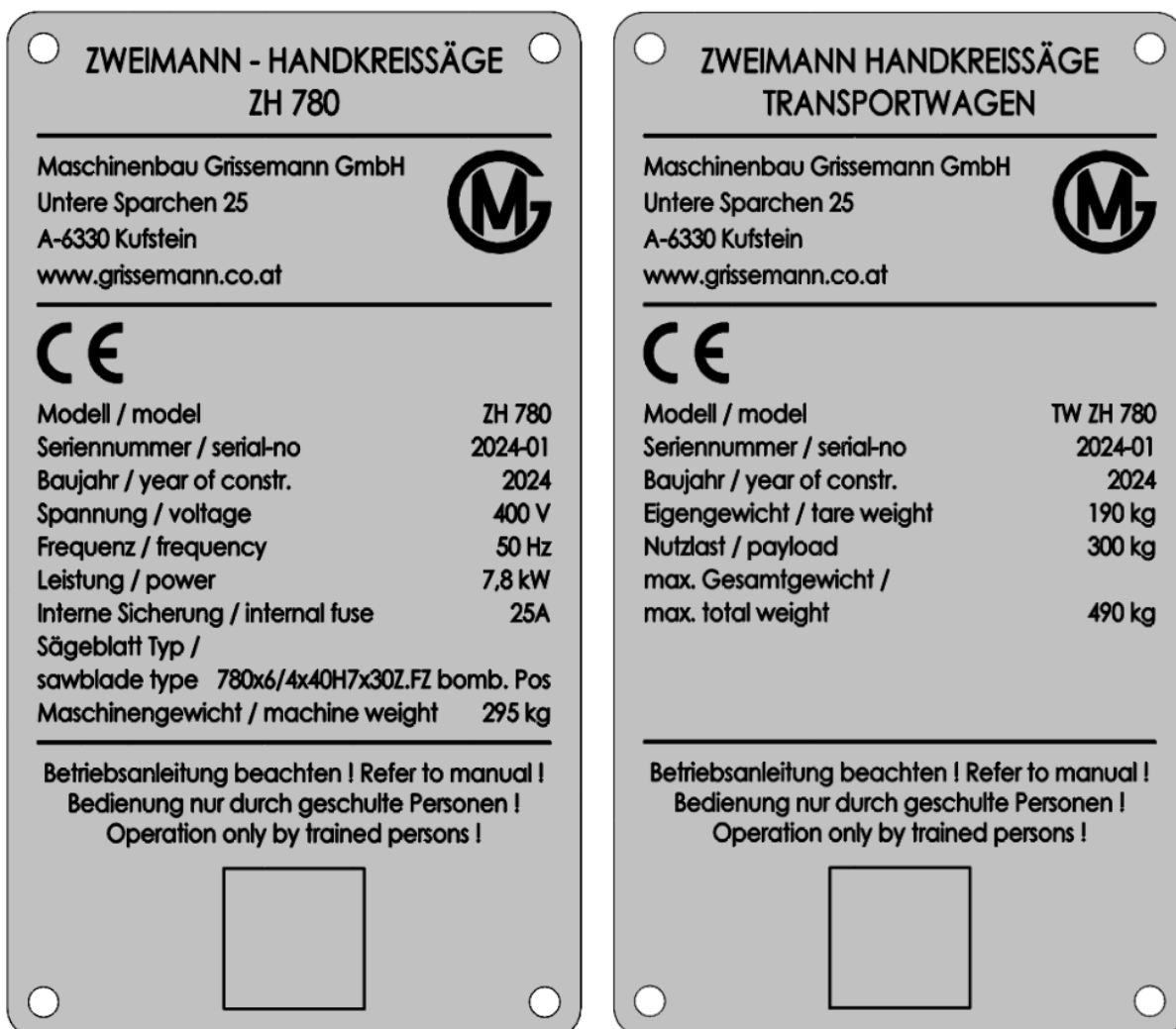
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1 Machine data

1.1 Identification

The following type plates are attached to your two-man portable circular saw or transport carriage. The serial number and year of manufacture are examples, i.e.



1.2 Technical data

Drive motor	7.5 kW - 1460 rpm
Drive motor brake	max. 100 Nm
Feed motor	0.25 kW - 900 rpm
Saw blade shaft speed	701 rpm
Saw blade type	780x6/4x40H7x30Z.FZ cambered Pos
Required speed resistance Saw blade	At least 800 rpm
Cutting depth	200 - 280 mm
Height adjustment	80 mm
Mitre cuts	0 to 45 degrees
Automatic feed	3.5 m/min
Sound power level idling	Lw 89.2 dB(A)

Emission sound pressure level idling	Lp 84.2 dB(A)
Sound power level machining	Lw 94.1 dB(A)
Emission sound pressure level Machining	Lp 89.1 dB(A)
Vibration load on the handle	< 2.5 m/s ²
Nominal voltage	400 V
Rated power	7.8 kW
Number of phases	3L / N / PE
Frequency	50 Hz
Circuit breaker Power supply	32 A
Circuit breaker machine	25 A
min. Cross-section power supply	5x6mm ²
Weight two-man circular saw	295 kg
Total weight with transport trolley	485 kg

2 Machine utilisation

The two-man manual circular saw TYPE ZH 780 is intended exclusively for the longitudinal cutting of glulam beams and wooden beams made of softwood with a residual width of at least 50 cm after cutting, whereby the workpiece cross-section must be suitable for safely bearing the weight of the machine.

The workpiece must be fixed exactly horizontally on non-metallic intermediate supports and corresponding load-bearing substructures, which also ensure that there is no sagging of the workpiece. The intermediate supports must protect the substructure used from being cut into. The beam height to be cut is between 200 and 280 mm, depending on the height and angle setting.

The machine is intended exclusively for commercial and industrial use in the carpentry and timber construction sector. The saw is only intended to be operated in conjunction with an on-site extraction system and the two-man manual circular saw transport carriage.

Non-intended use would be cutting workpieces to length, processing workpieces with non-wood components, processing frozen or wet wood, or other applications not expressly described in the operating instructions.



Please note!

The manufacturer is not liable for damage caused by improper use.

3 Authorised user groups

Operator:

after reading the operating instructions and after being trained by an authorised person who has already been trained. Preferably persons with training on woodworking machines, such as wood technicians or semi-skilled auxiliary personnel after comprehensive training by a wood technician on the basis of these operating instructions.

Maintenance personnel: Maintenance may only be carried out by the machine manufacturer or by a specialist company authorised by the manufacturer by personnel trained in the product, except for activities expressly permitted in the operating instructions. In this case, these activities may be carried out by specialised personnel from the mechanical / electrical engineering sector.

Applies to all: Unrestricted physical and sensory abilities. Knowledge of the basic accident prevention regulations. Sufficient language skills to be able to read and understand the respective language version of this document. Written confirmation of training on the machine must be available.

It is the responsibility of the operator to use only trained or instructed personnel. The personnel qualification applies equally to the company's own and leased personnel (leased employees).

The machine is not intended to be operated by trainees, young people or interns.

Observe the local employee protection laws.

WARNING! The machine is not intended to be operated by non-professionals. All persons not listed in the authorised user groups are prohibited from operating the machine and standing directly next to the running machine!

4 Authorised work aids

Saw blades: Only use saw blades from Grisseemann Maschinenbau GmbH, type 780x6/4x40H7x30Z.FZ cambered Pos, max. 2400 rpm, which have been tested with the machine.

Tool: Ring spanner SW36 cranked for the saw blade clamping screw
Ring spanner SW17 for the oil filler plug
Socket spanner SW15 for the saw blade expanding screw
5 mm Allen key for the folding guard
6 mm Allen key for the oil drain plug
10 mm Allen key for the riving knife

On the customer side: The mobile or stationary extraction system connected to the saw must achieve an extraction volume flow of at least 1140 m³/h at a flow velocity greater than 20 m/s. The operator must clarify whether the extraction system poses an explosion hazard. Info: Due to the dust/air volume flow ratio, no explosive dust atmosphere is to be expected directly at the saw.

5 Place of use / storage of the saw

The place of use of the two-man portable circular saw must be protected from moisture, humidity and frost and the load-bearing floor level must be horizontal. The room temperature should be between +10°C and 40°C and the relative humidity should not exceed 80%. This also applies to the storage location of the saw. The saw to be cleaned beforehand must always be stored on the transport trolley with the brakes applied, outside an area with direct pedestrian traffic. Maintain a distance of 10 cm from the wall or other objects. Protect the machine from dirt and mechanical damage.

The area where the saw is used must be suitably illuminated along its entire length and the floor must be non-slip and free of hoses, cables, wood debris and similar items that are likely to cause tripping or falling.

6 Obligations of the operator

Regular inspection of the safety equipment by an expert; an inspection and maintenance must be carried out at least once a year by the manufacturer or a specialist company authorised by the manufacturer.

The electrical system components and equipment of the saw or the systems connected to the saw must be kept in a proper condition.

Compliance with these operating instructions must be checked.

Only use original spare parts.

These operating instructions must be kept accessible to users at all times.

7 Safety instructions



Please note!

Read the operating instructions carefully.

Keep the operating instructions in a safe place for future reference.

Despite all safety precautions, every appliance remains potentially dangerous if used incorrectly.

For this reason, in the interests of your safety, we have summarised these safety instructions for you in addition to the previous points. Observe these instructions when handling your two-man portable circular saw to avoid injuries and health hazards.

The machine corresponds to the state of the art and the recognised safety regulations, but hazards can still arise.

Caution!

Possible health hazard!

Observe the following measures to rule out any risk to your health



- Only operate the saw and transport trolley if they are in perfect, undamaged condition and in accordance with the operating instructions.
- Familiarise yourself with all functions and operating elements before starting work.
- All parts installed in the saw are preset and must not be changed.
- Do not tamper with the saw or the transport carriage and do not dismantle any protective devices
- Never leave the saw unattended when the mains cable is plugged in; secure the saw against unauthorised operation.
- When changing saw blades, wear gloves with cut protection in accordance with ISO 13997, letter C in the 5th position of the identification number in accordance with DIN EN 388.
- Wear tight-fitting work clothing.
- When handling auxiliary and operating materials, observe the safety and disposal regulations for the respective problematic substance. Take appropriate precautions for proper storage, labelling and disposal.
- In dangerous situations, the appliance must be stopped immediately by releasing one of the enabling switches.
- Always disconnect the saw from the power supply before working on it.

Warning!

Danger to life due to electric shock!

Water or other liquids that get into the electrics/electronics of your saw can lead to life-threatening electric shocks.



- Do not clean your saw or the installation surface with running water, high-pressure cleaners or steam jet devices.
- Protect the saw from moisture and the effects of the weather
- Never touch the cable or plug with wet hands!
- Only operate the saw on an RCD-protected mains supply - 40A 30mA

Warning!

Danger to life due to short circuits!

If the mains cable is defective, there is a risk of life-threatening electric shocks or fires.



- Protect the mains cable from damage.
- Do not kink, notch or pinch the power cable.
- Never lift or pull the appliance by the power cable.
- Never pull the plug out of the socket by the mains cable.
- Protect the mains cable from sharp edges, moisture, heat or oil.
- Do not connect the appliance if the mains cable is damaged.
- Have damaged mains cables replaced immediately by an authorised person.
- Only operate the saw with a mains cable that corresponds to the specifications on the rating plate of the machine. Protected by an external circuit breaker - 32 A. In addition to the EU regulations, any additional country-specific regulations must be observed.
- Interruptions in the neutral conductor or protective conductor can destroy the control unit!

Caution!

Possible risk of burns on hot components!

The saw blade will not become so hot that you could injure yourself if it is operated correctly. However, if it does heat up to a greater extent, this is an indication that the saw blade is no longer suitable for operation due to loss of cutting durability or other events.

- Replace the saw blade after it has cooled down.
- If there is a smell of burning, stop work and check the saw including the extraction system.



Caution!

Possible health hazard due to physical fatigue!

Inappropriate working heights result in uncomfortable and unnatural postures. In the long term, this can lead to back problems and the like.

- Adjust your working height so that your posture is comfortable and does not cause any discomfort.
- Take a break when using the saw if fatigue occurs that is likely to impair attention.



Caution!

Risk of injury!

Contact with the rotating saw blade may result in the affected body part being cut or sheared off.

- The saw blade is normally covered by protective plates and the protective panels on the transport trolley or by the waste board.
- Nevertheless, make sure that no body parts come too close to the saw blade.
- Do not modify or remove any protective devices.
- Do not reach into the suction nozzle



Caution!

Increased risk of crushing!

During automatic feed when changing the machine from the transport carriage to the workpiece, parts of the body can be crushed. In addition, when adjusting the cutting height and cutting angle, individual fingers may become trapped if they are in the danger zone.

- Pay attention to the transition gap and keep your hands or other body parts away.
- When making adjustments, keep your free hand away from the moving part to avoid crushing.



Caution!

Dust formation!

Despite the use of a suitable extraction system, dust is generated at the saw blade outlet under the workpiece

- Put on a suitable dust mask.
- Open light and fire are prohibited when working with the saw



Caution!

Hearing damage!

The noise generated, especially during cutting, can cause hearing damage of indeterminate extent. Workers who are constantly exposed to noise are particularly affected.

- Wear hearing protection in accordance with EN 352 with an attenuation value SNR of at least 25 dB.



Caution!

Possible health hazard!

The machine may eject sawdust during the cut. The field of vision may be restricted. In addition, pieces of wood that have been cut off may fall to the ground despite the prescribed supports. The falling pieces of wood can cause damage such as fractures or crushing injuries if they fall on the toes.

- Wear safety goggles with mechanical strength S in accordance with EN 166.
- The extraction system must be switched on every time the saw is started up, without exception.
- The bases of the cuttings must be wide enough to prevent the section from falling down.
- Wear safety shoes safety class S1 according to EN ISO 20345.



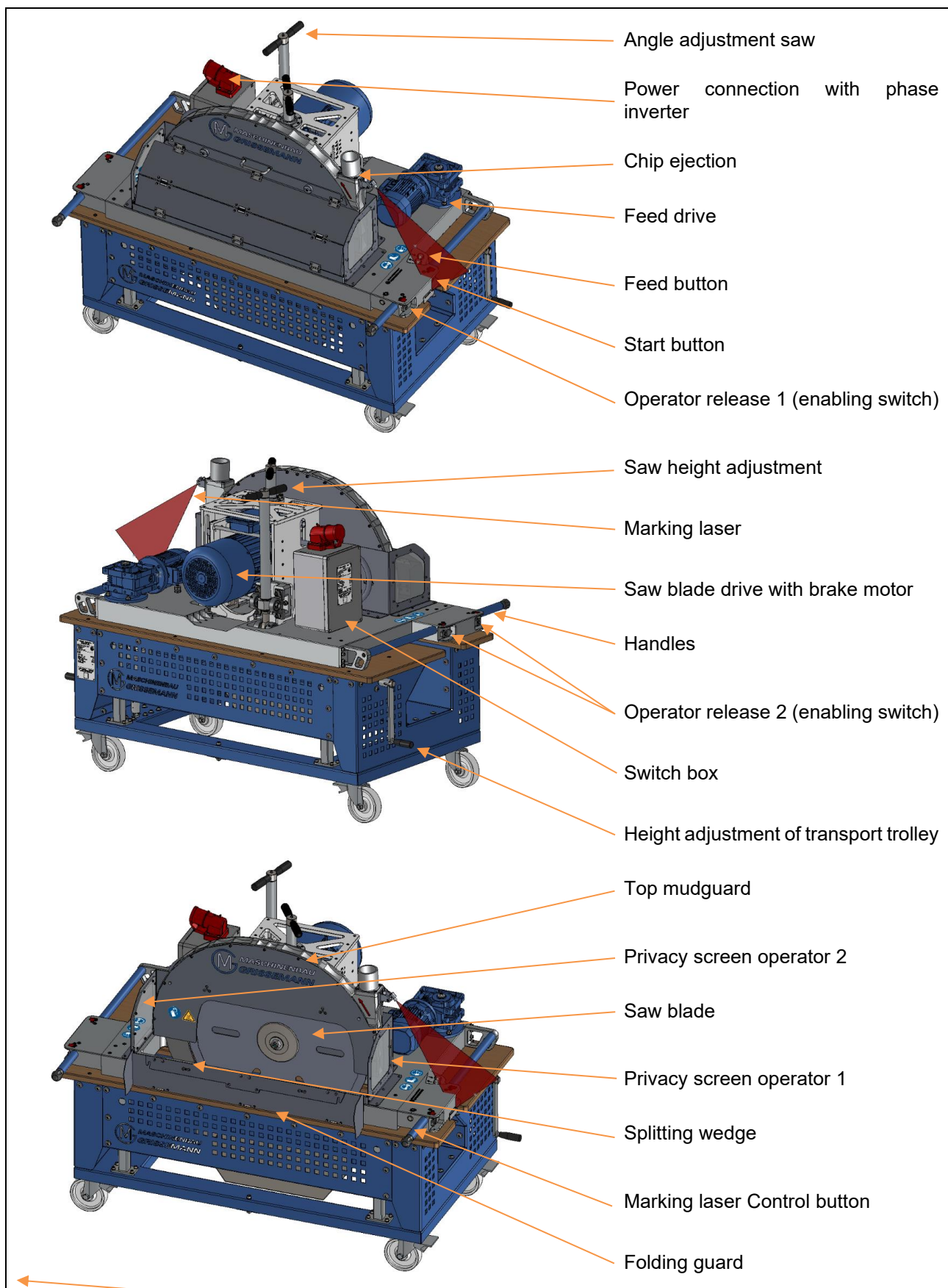
Warning!

Possible health hazard due to rolling machine

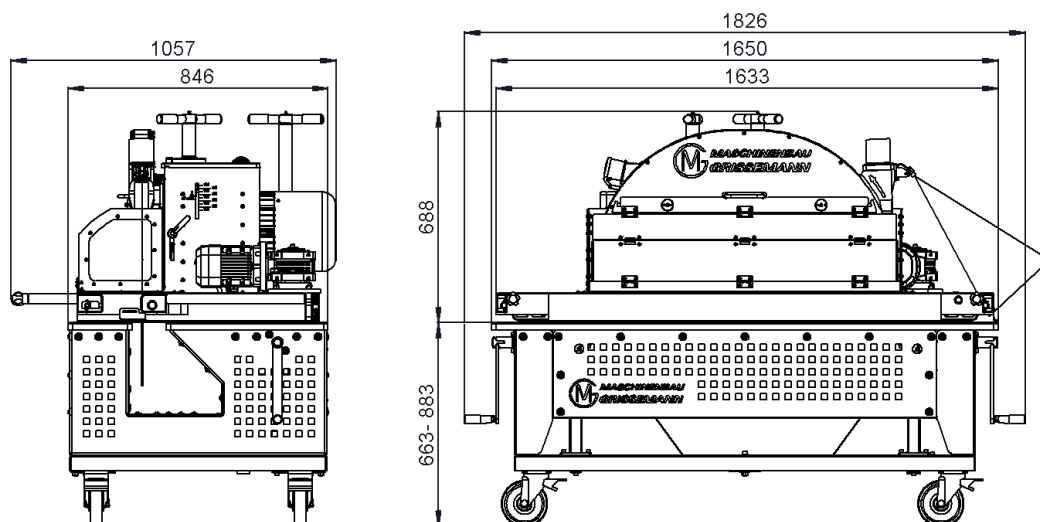
When transporting the machine, pay attention to its own weight of approx. 500kg. When transporting on sloping surfaces, ensure that the machine is secured against rolling away on its own by a sufficient number of people or by using standard transport locks.



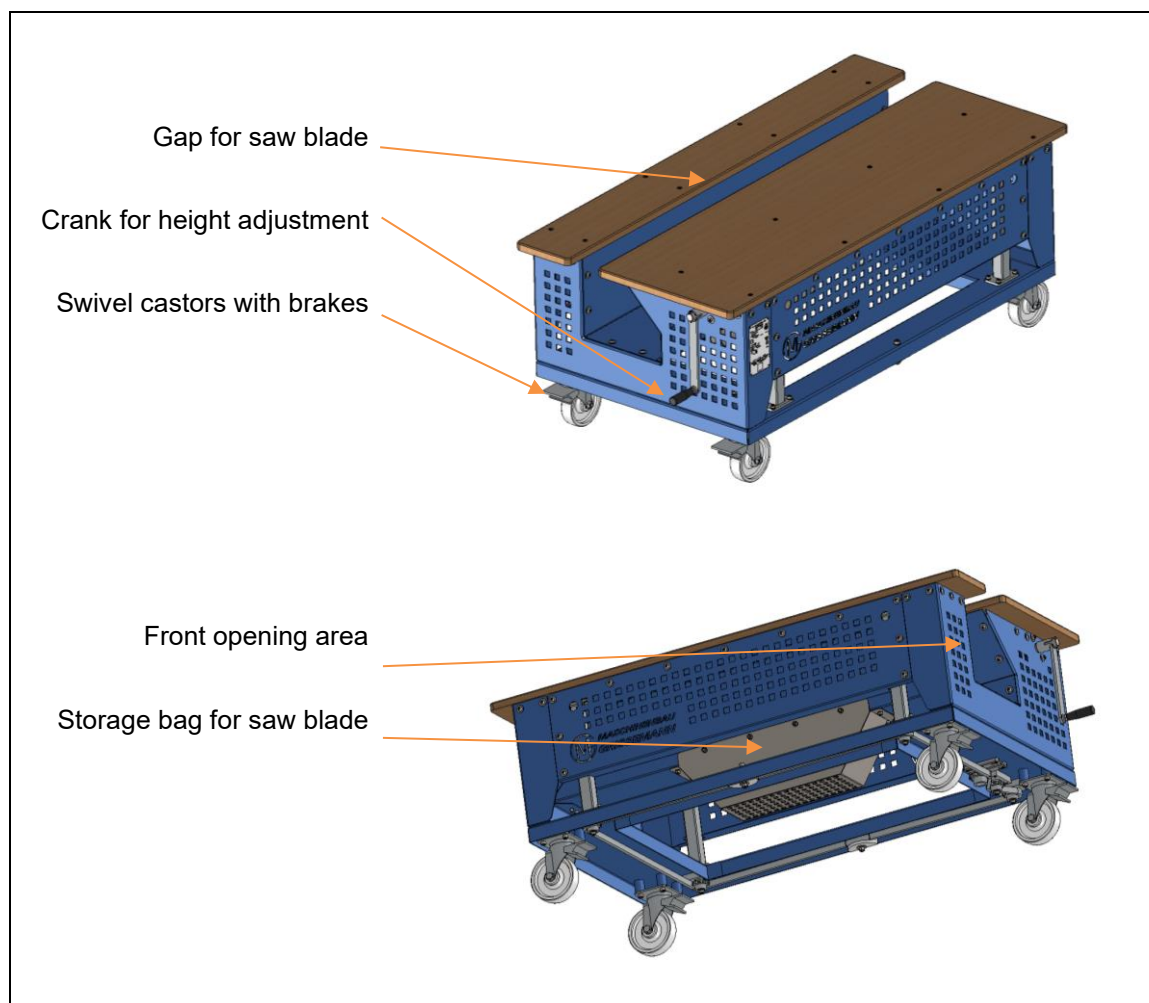
8.1 General view / device structure



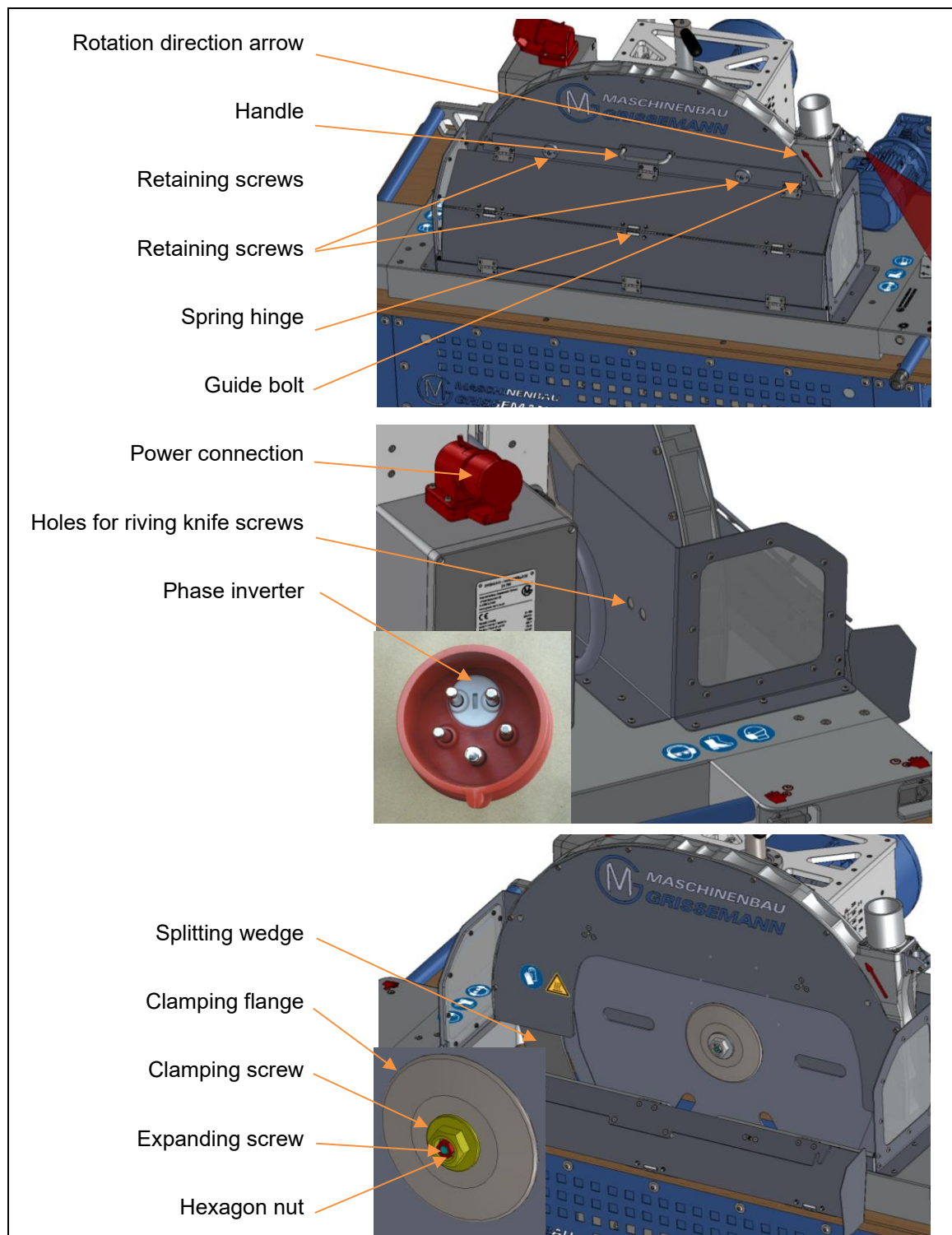
8.2 Dimensions

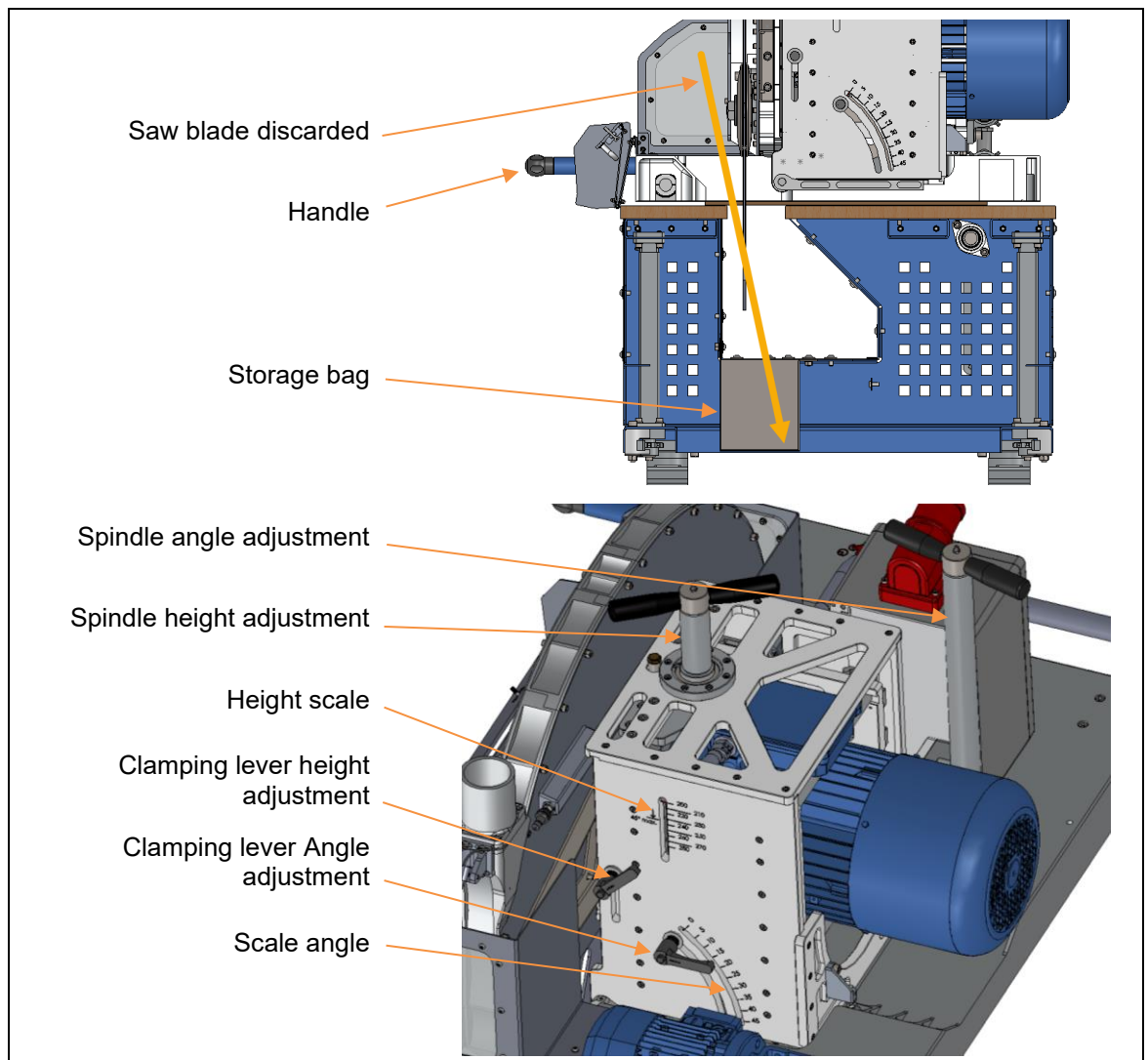


8.3 Transport trolley



8.4 Detailed views





9 Commissioning

To carry out these measures, please observe chapters 1-7. The illustrations of the machine parts can be found in chapter 8.

9.1 Initial transport to the place of use

The two-man portable circular saw and the transport trolley are not designed for regular transport between operating sites. The saw may only be transported between operating sites in its original packaging. In addition, always observe the regional regulations with regard to securing goods and loads.

The ZH780 two-man portable circular saw is intended for use in a workshop. The saw may only be transported within the premises using the transport trolley supplied. If this is done with a forklift or similar device, the machine must be secured accordingly, e.g. with straps.

9.2 Unpacking

- The packaging material in the box contains accessories. Do not throw away.
- Check that the saw and the transport trolley are undamaged.
- Keep the original packaging in case you need to return the product.

9.3 Handles

Screw the two loose handles supplied onto the protruding threaded bolts and tighten them firmly.

9.4 Installing the saw blade

Set the saw to 0° and cutting depth 200 (see chapters 9.1.6 and 9.1.7) and the carriage to the lower position. Then open one retaining screw of the folding guard with the 5 mm Allen key, hold the handle and open the second retaining screw. Pull the handle downwards so that the anti-folding guard slides out of the guide bolts. Caution! Hold the handle firmly as the folding guard has three spring hinges. Carefully swivel the folding guard downwards. It is not necessary to loosen the riving knife to replace the saw blade. However, if you want to adjust it, loosen the riving knife screws with the 10 mm Allen key and slide the riving knife to the side.

Fit the supplied saw blade. Proceed as follows:

- a. Loosen the hexagon nut (red) with the 15 mm socket spanner.
- b. Push the expanding screw (blue) slightly inwards.
- c. Unscrew the clamping screw (yellow) using the 36 mm ring spanner.
- d. Remove the clamping flange and lift in the new saw blade using the longitudinal holes in the saw blade. This can be placed in the storage pocket below. Lift the saw blade using the longitudinal holes in the saw blade and thread it onto the shaft. Ensure that the drive pins are in the drive holes.
- e. Ensure that the saw blade has been inserted correctly (direction of rotation).
- f. Fit the clamping flange and screw in the clamping screw.
- g. Then tighten the hexagon nut again.

After installing the saw blade, the riving knife can be adjusted and fixed in place with the riving knife screws as described above. 3-8 mm radial distance riving knife/saw blade. Close the hinged guard again and screw it on.

Only sharp, undamaged saw blades may be used.

9.5 Check direction of rotation

Connect the machine to the power supply and check the direction of rotation. If the phase rotation direction is incorrect, the machine will not start, the start button will not light up green.

The three-phase socket is equipped with a phase inverter. The phase can be changed using a slotted screwdriver. The start button lights up green, the saw blade should rotate in the direction of the arrow after the start procedure.

9.6 Setting the cutting depth

- Open the two side clamping levers to release the height adjustment.
- Then use the threaded spindle to set the cutting depth.

The setting scale already includes a saw blade projection of approx. 5 mm on the underside of the cutting depth, so there is no need to add this extra. The saw blade protrusion should not normally exceed this.

! Otherwise there is an additional hazard due to the unnecessary overhang !

Use the following table for mitre cuts.

at 15° max.		at 30° max.		at 45° max.	
Scale value	Beam thickness	Scale value	Beam thickness	Scale value	Beam thickness
270 mm	275 mm	250 mm	245 mm	<235 mm	200 mm

- Pay attention to the height adjustment scale.
- The two clamping levers must then be tightened again to fix the set cutting depth and prevent unintentional changes.
- Attention! At 45° and 235 mm setting value, the saw blade clamping flange is almost in contact with the workpiece.

9.7 Setting the mitre angle

If necessary, you can also set a mitre angle. The machine allows an angle of 0-45 degrees.

- Release the two side clamping levers
- The angle can be adjusted to the desired mitre using the angle adjustment spindle on the side.
- You can read the angle on the angle scale directly next to the clamping lever.
- Then tighten the clamping levers again to prevent the angle from moving on its own.

9.8 Preparation of a cut

- Check the machine again for any damage. All parts must be firmly tightened.
- Connect the machine to the extraction system.
- Push the carriage with the machine just in front of the material to be cut and position it on the desired cutting line using the marking laser (switch on the control button).
- Now push the trolley directly in front of the clippings (almost no gap)
- Secure the brakes on the castors of the transport trolley.
- Check the stability of the transport trolley and workpiece.
- The base of the workpiece must be selected in such a way that the machine cannot tip over. The residual width of the material to be cut according to the safety requirements, on which the centre of gravity of the machine is located (on the drive side of the saw blade), must ensure that the machine rests securely. The substructure must also prevent wood waste from falling.
- The stability of the workpiece must not be impaired by the cutting process in order to prevent tilting and falling.
- A second person is always required for service.
- Set the machine height. Lock the crank handle on the side of the transport carriage facing away from the cut material on the drive pin. Crank the machine to the desired height and then push the crank handle inwards again to release the lock.
- Set the desired cutting depth.
- Set the desired mitre angle
- Ensure a suitable free cable length for the respective cutting length.
- Check that the intermediate supports have enough flesh in relation to the saw blade projection so that they do not cut into the support structure.

9.9 Brake test

- Always carry out the brake test before the first cut of the day
- Operator 2 presses both enabling switches on the handle (press and hold)
- Operator 1 presses the enabling switch on the handle (press and hold)
- Operator 1 presses the machine start button (press and hold)
- The saw blade begins to rotate.

When an enabling switch is released, the motor must stop the saw blade within 2.5 seconds at the latest.

9.10 The cut

- Switch on the extraction system.
- Make sure that nobody is standing in front of the front opening area of the transport trolley.
- After the machine has been switched off, all enabling buttons must be released so that the machine can be restarted.
- Operator 2 presses both enabling switches on the handle (press and hold)
- Operator 1 presses the enabling switch on the handle (press and hold)
- Operator 1 presses the machine start button (press and hold)
- The saw blade begins to rotate, which can be seen through the operator's view screen. The cut can also be checked there.
- Operator 1 moves the saw from the carriage to the workpiece using the feed button
- Both operators walk sideways next to the saw until the cut is almost complete, but the saw does not move beyond the workpiece under any circumstances.
- The saw must then be stopped by releasing an enabling switch.
- Place the transport carriage at the end of the material to be cut (almost no gap). The opening in the wood panel must be correctly aligned in the area of the saw blade, which is particularly important for mitre cuts.

- Secure the brakes of the transport trolley.
- Complete the cut as described above and move the saw completely onto the transport trolley provided.
- Then switch off the saw immediately.
- Switch off the extraction system.
- Depending on the application, start a new cut or disconnect the saw from the power supply and suction hose to store it.

10 Faults, messages and notices

10.1 Troubleshooting and faults

- If vibrations and / or unusual noises occur, the machine must be stopped immediately!
- The motors can become hot during long running times. For this reason, thermal protection is built into them. As soon as this is activated, the machine switches off. In this case, allow the machine to cool down before starting it up again.
- The feed against the cutting direction can also be actuated without starting the main motor. The three enable buttons must be pressed. This allows the machine to be manoeuvred back onto the transport carriage in the event of a fault without having to start the main motor.
- Contact the manufacturer immediately in the event of a fault. Have the machine number of your two-man portable circular saw to hand.

11 Care / Maintenance

- The machine may only be cleaned with a damp cloth, by vacuuming or using compressed air.
- The machine must not be cleaned with running water, steam or high-pressure cleaners or aggressive cleaning agents.

The brake test to be carried out before each use must be documented in writing once a year.

To ensure the functional safety of the two-man portable circular saw and to prevent consequential damage, maintenance and inspection must be carried out by the manufacturer once a year as scheduled. Failure to do so will invalidate all warranty and liability claims against the manufacturer.

The machine is cleaned, all moving parts are relubricated or greased and the gear oil is changed.

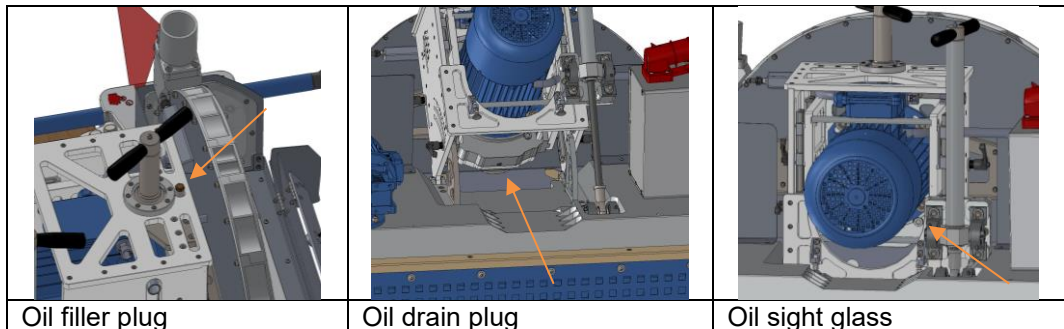
An oil change, replacement of the saw blades or replacement of the marking laser by authorised personnel of the operator are permitted. All such maintenance work must be documented in writing.

Castrol Alpha SP220 gear oil should be used.

To do this, open the oil filler plug on the top of the gearbox housing.

Old oil can be drained by removing the oil drain plug.

When the gearbox is cold, the fill level should be in the centre of the oil sight glass, which corresponds to an oil fill quantity of 390 ml.



Important!

Work on the machine that is not specified in these operating instructions may only be carried out by the manufacturer or a specialist company authorised by the manufacturer!

11.1 Spare part catalogue

The various spare parts can be found in the service book supplied.

12 Confirmations / Orders

12.1 Confirmations - Safety instruction

I hereby confirm that I have been informed about the safety instructions for the ZH 780 two-man portable circular saw, its intended use and the particular hazards associated with this device and that I have taken note of them. I have also read and understood the operating instructions.

Name	Department	date	Signature
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

12.2 Maintenance confirmations

I hereby confirm that I have carried out the maintenance conscientiously and in accordance with the operating instructions.

Name	Department	date	Signature
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

12.3 Order form

Copy the order form.
Fill it out and send it to us.
By fax: +43 (0)5372 64776-10
By mail: office@grissemann.co.at

Your billing address

.....
.....
.....
.....
.....

Your delivery address

.....
.....
.....
.....
.....

Description	Order number	Order quantity
Saw blades		
Gear oil		
Marking laser		

Date

Signature

13.1 Warranty

- The buyer is entitled to the statutory warranty rights. First of all, the seller must always be given the opportunity for subsequent fulfilment within a reasonable period of time.
- Any further claims, in particular claims for damages due to consequential damage, are excluded to the extent permitted by law.
- Material defects must be reported to the seller immediately in writing.
- Costs incurred outside the warranty obligations shall be borne by the customer.

13.2 Warranty

The warranty period is 12 months in single-shift operation from delivery of the appliance. The warranty covers the elimination of all material and workmanship defects that impair the proper functioning of the machine. Any defects that occur must be reported in writing immediately and with a detailed description of the defect. Properly reported defects covered by the guarantee will be rectified by removal of the defect or replacement delivery free of charge for the customer. Defective parts must be returned at the customer's request, expense and risk. The warranty period for spare parts shall be 6 months from delivery or installation, whereby even in the event of repeated claims under this warranty, the maximum scope of services owed shall be that provided at the time of the first claim.

13.3 No warranty

The manufacturer assumes no warranty in the cases listed below:

- For all parts that are subject to natural wear (e.g. saw blade, motors, etc.).
- For defects caused by weathering, chemical, physical, electrochemical or electrical influences, insofar as these are not the fault of Maschinenbau Grisseemann GmbH.
- For defects caused by non-compliance with the instructions for handling, maintenance, cleaning and care of the appliance as set out in the operating instructions.
- For defects caused by the non-use of original spare parts or incorrect assembly by the purchaser or third parties.
- For defects caused by faulty or negligent handling.
- For defects caused by unsuitable or improper use.
- For the consequences of improper modifications or repair work carried out by the purchaser or third parties without the consent of Maschinenbau Grisseemann GmbH.
- For faulty commissioning
- For insufficient energy supply
- For force majeure

13.4 Exclusion of liability

Maschinenbau Grisseemann GmbH reserves the right to change or cancel technical specifications, colours, materials and similar items without prior notice and without giving reasons, as well as to discontinue the production of a particular model without prior notice.

The spare parts illustrated and described correspond to the state of the art in terms of appearance, scope of delivery and dimensions at the time of printing. Maschinenbau Grisseemann GmbH reserves the right to make changes in the meantime due to new technical regulations, statutory provisions and changes in line with technical progress.

No liability is accepted for printing errors.

- The quality of the material is an important factor in producing a clean cut.
- Knots and other material defects can significantly change the quality of the cut.
- No liability is accepted for damage caused by the material quality or improper handling.



Important!
Possible damage to property!
Leaking oil or lubricants can damage workpieces.

14 Waste disposal

Maschinenbau Grisseemann GmbH offers to take back old appliances. These will be recycled and returned to the materials cycle. You can send the saw to be discarded in its original packaging to the manufacturer's address given in these instructions.

If you as the operator intend to carry out the disposal yourself, the machine components must be dismantled by authorised personnel from the mechanical / electrical engineering sector with appropriate care. This is done at the operator's own risk. The recyclable materials must be disposed of in accordance with national regulations and waste must also be disposed of properly.

15 EU Declaration of Conformity

The manufacturer

Maschinenbau Grisseemann GmbH

Untere Sparchen 25, 6330 Kufstein, Austria

www.grisseemann.co.at

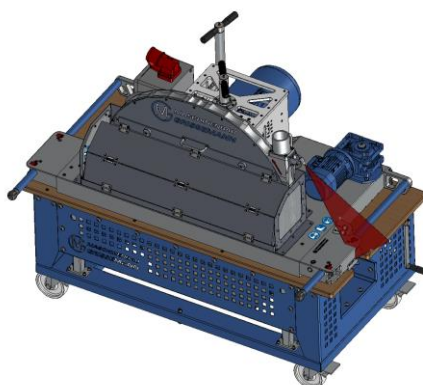
office@grisseemann.co.at

Tel.: +43 (0)5372 64776

hereby declares under its sole responsibility that the product described below

Designation: Two-man hand-held circular saw
Feature: Machine
Model/Type: ZH 780
Fabrication/serial number: 2024-01
Year of construction: 2024

Illustration:



Complies with all relevant harmonisation legislation of the following European Union product directives:
(select all applicable product directives)

	Guideline	Description of the
<input checked="" type="checkbox"/>	2006/42/EC	Machinery Directive
<input checked="" type="checkbox"/>	2014/30/EU	Electromagnetic Compatibility Directive
<input checked="" type="checkbox"/>	2014/35/EU	Directive on the making available on the market of electrical equipment designed for use within certain voltage limits
<input checked="" type="checkbox"/>	2011/65/EU	RoHS Directive

Harmonised standards and technical specifications:
EN ISO 12100:2010

Specific information regarding the Machinery Directive 2006/42/EC

The product was placed on the market in accordance with Articles 12 and 13 of the Machinery Directive with the following procedure: (only one selection applicable)

<input type="checkbox"/>	Art. 12 (2)	Conformity assessment procedure with internal production control according to Annex VIII
<input type="checkbox"/>	Art. 12 (3) a)	The machine falls under Annex IV of the Machinery Directive. Conformity assessment procedure with internal production control according to Annex VIII
<input type="checkbox"/>	Art. 12 (3) b)	The machine falls under Annex IV of the Machinery Directive. EC type-examination according to Annex IX and internal production control according to Annex VIII 3)
<input checked="" type="checkbox"/>	Art. 12 (4) a)	The EC type examination was carried out by

		TÜV AUSTRIA GmbH, Deutschstraße 10, 1230 Vienna, NoBo 0408 and the following EC type-examination certificate was issued: IN-AT-AS-MRL24-00262
<input type="checkbox"/>	Art. 12 (3) c)	The machine falls under Annex IV of the Machinery Directive.
<input type="checkbox"/>	Art. 12 (4) b)	Comprehensive quality assurance in accordance with Annex X Quality management in accordance with Annex X has been certified by <Name, address and identification number of the Notified Body>
<input type="checkbox"/>	Art. 13 (1)	<p>The product is <u>partly completed machinery</u> as defined in Article 2 (2) g) The specific technical documentation in accordance with Annex VII Part B has been drawn up, Assembly instructions have been drawn up in accordance with Annex VI and are enclosed with the product. This declaration is an <u>INSTALLER'S DECLARATION</u> within the meaning of Article 13 (1) c) of the Machinery Directive. The information required in accordance with Annex II Part 1 Section B is as follows: * Compliance list: The declaration of which essential requirements of Annex I are applied and complied with is attached, * the specific documents shall be sent to national bodies in electronic form on reasoned request. Industrial property rights are not affected by this obligation.</p> <p>The partly completed machinery must not be put into service until it has been established, where appropriate, that the machinery into which the partly completed machinery is to be incorporated complies with the provisions of the Machinery Directive.</p> <p>The CE marking of this product does not refer to the Machinery Directive.</p>

Authorised representative for the compilation of technical documents

KODIS Engineering, DI (FH) Christian Kobald, Glashüttenstrasse 10, A-6330 Kufstein, www.kodis.at

Specific information in accordance with EMC Directive 2014/30/EU:

The product has been placed on the market in accordance with Article 14 a), internal production control according to Annex II of the EMC Directive. This constitutes the declaration of conformity in accordance with Article 15 or Annex IV.

Specific information according to Low Voltage Directive 2014/35/EU:

The product was placed on the market in accordance with Article 6, internal production control in accordance with Annex III of the Low Voltage Directive.
This constitutes the declaration of conformity in accordance with Annex IV.

Specific information according to RoHS Directive 2011/65/EU:

The information in this declaration of conformity exclusively reflects the information provided by the manufacturer/supplier of the equipment used. The issuer of this Declaration of Conformity assumes the function of a distributor with regard to Article 10 of the Directive.

Kufstein, 11 December 2024

Place / Date (day/month/year)



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Authorised representative, name and function