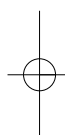
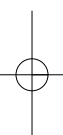
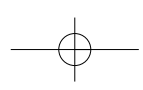
 **Safety Information**
Universal Panel Saw
Please read and keep in a safe place.



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Ⓢ Note the instructions for use!



Ⓢ Caution! Risk of injury! Do not reach into the running saw blade.



Ⓢ Wear a breathing mask!



☉ Wear ear muffs!



☉ Wear safety goggles!



☉ Wear safety gloves

Safety regulations

Important. The following basic safety actions must be taken when using electric tools in order to protect the user from electric shocks and the risk of injury and fire. Read and follow these instructions before using the equipment.

1. **Keep your work area tidy**
- Untidy work areas can result in accidents.
2. **Make allowance for ambient conditions**
- Do not expose electric tools to rain. Never use electric tools in damp or wet locations. Provide good lighting. Do not use electric tools near flammable liquids or gases.
3. **Guard against electric shock**
- Avoid bodily contact with earthed parts (e.g. pipes, radiators, cookers and refrigerators).
4. **Keep children away**
- Do not allow other persons to touch the tool or cable, keep them away from your work area.
5. **Keep your electric tools in a safe place.**
- Unused tools should be stored in a dry, locked room out of children's reach.
6. **Do not overload your tools**
- Tools work better and safer when used within their quoted capacity range.
7. **Use the right tool.**
- Do not use tools or attachments too weak for heavy duty work. Never use tools on jobs for which they are not intended; for example, do not use a hand-held circular saw to fell trees or lop off branches.
8. **Wear suitable work clothes**
- Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
9. **Wear safety goggles.**
- Use a dust mask when working on dusty jobs.
10. **Do not use the cable for purposes other than that for which it is designed.**
- Do not carry the tool by its cable and do not use the cable to pull the plug out of the socket. Protect the cable from heat, oil and sharp edges.
11. **Secure your workpiece**
- Use clamps or a vise to hold the workpiece securely. This is safer than using your hand and also enables you to operate the machine with both hands.
12. **Do not overstretch.**
- Avoid abnormal working postures. Make sure you stand squarely and keep your balance at all times.
13. **Take care of your tools**
- Keep your tools sharp and clean in order to work well and safely. Follow the maintenance regulations and the instructions for changing tools. Check the power plug and cable on a regular basis and have them replaced by an authorized specialist if they are damaged. Check the extension cable regularly and replace it if damaged. Keep handles dry and free from oil and grease.
14. **Pull the power plug**
- When tools are not in use, before starting any maintenance work or when changing attachments such as saw blades, drill bits and all kinds of mounted tools.
15. **Always remove keys and wrenches after use**
- Before switching on, make sure that all keys and wrenches have been removed from the equipment.
16. **Avoid unintentional starting**
- Never carry a tool with your finger on the switch button while the tool is connected to the power supply. Make sure that the switch is turned off when connecting the tool to the power supply.
17. **Extension cables out of doors**
- Use only authorized and accordingly labeled extension cables out of doors.
18. **Be alert at all times**
- Keep an eye on your work. Use common sense when working. Never use the tool when you are distracted.
19. **Check the equipment for damage**
- Before using the tool again, check the safety devices or any slightly damaged parts to ensure that they are in good working order. Check that the moving parts are working correctly, that they do not jam, and that no parts are damaged. Make sure that all parts are fitted correctly to ensure that the equipment remains safe to use. Unless otherwise stated in the operating instructions, damaged guards and parts have to be repaired or replaced by a customer service workshop. Damaged switches have to be replaced by a customer service workshop. Never use tools with a switch that cannot be turned on and off.
20. **Important.**
- For your own safety you must only use the accessories and additional units listed in the operating instructions or recommended or specified by the manufacturer. The use of mounted tools or accessories other than those recommended in the operating instructions or catalog may place your personal safety at risk.
21. **Repairs may only be carried out by a qualified electrician**
- This electric tool complies with the pertinent

safety regulations. Repair work must only be carried out by a trained electrician, otherwise the equipment may cause accidents.

22. Connect up a vacuum extraction system

- If there are provisions for connecting up a vacuum extraction system, make sure that such a system is fitted and in use.

Special safety instructions

1. Safety actions

- Blades that are deformed or cracked must not be used.
- If the table insert is worn, replace it.
- Use only blades which are recommended by the manufacturer and comply with EN 847-1. When changing the blade, make sure that the cutting width is not smaller and the saw plate not bigger than the thickness of the splitter.
- Make sure that the chosen blade is suitable for the material that is to be cut.
- If necessary, wear suitable personal protection equipment. This could consist of:
 - Ear plugs to prevent the risk of damaging your hearing;
 - A breathing mask to avoid the risk of inhaling hazardous dust.
 - Always wear gloves when handling saw blades and rough materials. Whenever practicable, saw blades must be carried in a container.
- The following can have an influence on dust development:
 - Worn, damaged or cracked saw blades
 - Recommended capacity of the vacuum extraction system: 20 m/s
 - Proper guidance of the workpiece
- Blades made of high-alloy high-speed steel (HSS) must not be used.
- Keep the push stick or handle for a push block at the machine at all times, even when you are not using them.

2. Maintenance and service

- The following conditions can have an influence on noise impact on the operator:
 - Type of sawblade (e.g. saw blades designed to reduce noise development)
 - Material of the workpiece
 - The force with which the workpiece is pushed against the sawblade
- Faults on the machine or its guards, safety devices and blade must be reported to the person in charge as soon as they are discovered.

3. Safe operation

- Use a push stick or the handle with a push block to feed the workpiece safely past the saw blade.
- Use the splitter and set it correctly.
- Use the upper blade guard and set it to the correct position.
- Do not cut rebates or grooves without fitting a suitable guard, e.g. a tunnel-type guard, over the saw table.
- Circular saws must not be used for slotting jobs (cutting grooves which end in the workpiece).
- Use only blades whose permissible maximum speed is not lower than the maximum spindle speed of the bench-type circular saw and of the material to be cut.
- Use only the transport devices to move the machine. Never use the guards for handling or moving the machine.
- While you are moving the machine it is best to cover the top part of the blade, e.g. with the guard.
- Secure long workpieces against falling off at the end of the cut (e.g. with a roller stand etc.)

4. Additional instructions

- Give these safety regulations to all persons who work on the machine.
- Do not use this saw to cut fire wood.
- Do not use this saw to cross-cut roundwood.
- Caution! Hands and fingers may be injured on the rotating saw blade.
- The machine is equipped with a safety switch to prevent it being switched on again accidentally after a power failure.
- Before you use the machine for the first time, check that the voltage marked on the rating plate is the same as your mains voltage.
- If you need to use an extension cable, make sure its conductor cross-section is big enough for the saw's power consumption. Minimum cross-section: 1 mm².
- If you use a cable reel, the complete cable must be pulled off the reel.
- Check the power cable. Never use a faulty or damaged power cable.
- Operators have to be at least 18 years of age. Trainees of at least 16 years of age are allowed to use the machine under supervision.
- Keep your workplace clean of wood scrap and any unnecessary objects.
- Persons working on the machine should not be distracted.
- Note the direction of rotation of the motor and saw blade.
- After you have switched off the motor, never

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slow down the saw blade by applying pressure to its side.

- Only fit blades which are well sharpened and have no cracks or deformations.
- Never dismantle the machine's safety devices or render them inoperative.
- Faulty saw blades must be replaced immediately.
- Never use saw blades which do not comply with the data specified in this manual.
- It is imperative to make sure that all devices which cover the saw blade are in good working order.
- **Important:** It is prohibited to use this saw to make plunge cuts.
- Damaged or faulty safety devices have to be replaced immediately.
- The splitter is an important safety device. Not only does it guide the workpiece, it also prevents the kerf closing behind the blade so that there is no kickback from the workpiece. Note the thickness of the splitter. The splitter should never be thinner than the saw blade body or thicker than the width of its kerf.
- The guard hood has to be lowered over the workpiece for each cut.
- Be sure to use a push stick when slitting narrow workpieces (smaller than 120 mm in width).
- Never cut workpieces which are too small to hold securely in your hand.
- It is imperative for the parallel stop to be clamped on the right-hand side of the blade whenever you cut narrow workpieces to size.
- Always stand to the side of the saw blade when working with the saw.
- Never load the machine so much that it cuts out.
- Always press the workpiece firmly against the saw table.
- Make sure that off-cuts do not catch on the saw blade crown. Risk of catapulting!
- Refit all guards and safety devices immediately after you have completed any repairs or maintenance work.
- Be sure to observe the safety information and operating and maintenance instructions issued by the manufacturer, as well as the dimensions listed in the Technical Data.
- It is imperative to observe the accident prevention regulations in force in your area as well as all other generally recognized rules of safety.
- Note the information published by your professional associations.
- Connect up the dust extraction system on all jobs. The operator has to be informed about the conditions with an influence on dust

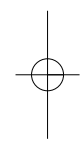
development, e.g. the type of material being processed (source and collection of the dust), the significance of local separation arrangements, and the correct setting of hoods, baffle plates and guides.

- Operate the saw only with a suitable vacuum extraction system or a standard industrial vacuum cleaner.
- Never remove loose splinters, chips or jammed pieces of wood when the saw blade is running.
- To rectify faults or remove jammed pieces of wood, always switch off the machine first. Pull the power plug!
- If the sawing gap is worn, replace the table insert. Pull the power plug!
- This electric tool complies with the pertinent safety regulations.
- Keep your work area clean and tidy. Untidy and unlit work areas can result in accidents.
- Keep the tool out of the rain and away from moisture.
The ingress of water into an electric tool increases the risk of an electric shock.
- Be careful, watch what you are doing and use an electric tool sensibly. Do not use the tool if you are tired or under the influence of drugs, alcohol or medication.
A moment of inattention when using the electric tool can result in serious injuries.
- Do not use an electric tool with a defective switch. An electric tool that cannot be switched on or off is dangerous and must be repaired.
- Keep unused electric tools out of the reach of children. Do not allow people who are not familiar with the tool or who have not read these instructions to use the tool. Electric tools are dangerous if they are used by inexperienced people.
- Keep your cutting tools sharp and clean. Carefully maintained cutting tools with sharp cutting edges will jam less and are easier to control.
- If the connection lead on the electric tool is damaged, it must be replaced by a specially prepared connection lead available from our customer service organization.
- Have your tool repaired only by trained personnel using only genuine spare parts. This will ensure that you tool maintains its safety standard.
- The machine has to be set up where it can stand securely.
- All covers and safety devices have to be properly fitted before the machine is switched on.
- It must be possible for the blade to run freely.



- When working with wood that has been processed before, watch out for foreign bodies such as nails or screws etc.
- Before you actuate the On/Off switch, make sure that the saw blade is correctly fitted and that the machine's moving parts run smoothly.
- Follow the instructions for lubrication and changing tools.
- Keep handles dry, clean and free from oil and grease.
- Keep the push stick or handle for a push block at the machine at all times, even when you are not using them.
- Do not cut rebates or grooves without fitting a suitable guard, e.g. a tunnel-type guard, over the saw table.
- Use only the transport device for transporting the machine.
- While you are moving the machine it is best to cover the top part of the blade, for example using a guard.

Do not lose these safety instructions.



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