



INSTRUCTIONS FOR CUT-OFF SAW MODEL MG314S

ELECTRICAL CONNECTION

Before connecting to the power supply ensure machine is rated at the same voltage as the power supply being used.

RADIO INTERFERENCE

This machine is according to DM 10.4.1984 and CEE Rules 82/499 of 7.6.1982 concerning radio and television interference.

SOUND PROTECTION

When using the machine it is recommended that ear protection is worn, as the sound pressure level produced is over 85db (A), prolonged use without protection will eventually cause damage to your hearing. The sound intensity level has been measured according to din regulation 45635, section 21.

OPERATING AND SAFETY INSTRUCTIONS

1. Always use good quality abrasive discs, suitable for the material being cut.
2. Before fitting the disc check it carefully to ensure there are no cracks or other defects, a damaged disc can cause injury. Also check that the maximum running speed of the disc is greater than that indicated on the label of the machine.
3. When cutting widths of greater than 150 mm draw back the resting jaw securing it at the two existing holes. In this position pieces of up to 215 mm width can be cut.
4. For angled cuts loosen the resting jaw bolt (located in the eyelet) and rotate to the desired angle and lock the bolt.
5. The workpiece to be cut must always be well secured in the vice and adequately supported if it is long.
6. In order to prevent unnecessary strain to the motor, do not press too hard when cutting, maintain a steady progression, therefore minimalising the amount of sparks produced.
7. When cutting large workpieces the best results are achieved by intermittent advancement.

RECOMMENDATIONS

1. ALWAYS disconnect machine from power source when changing disc or carrying out maintenance.
2. ALWAYS check condition of disc before use, if the disc is cracked or damaged REPLACE it before use.
3. ALWAYS wear appropriate protective attire, such as goggles and ear defenders.
4. NEVER attempt to cut materials which will not fit the vice, under no circumstances should any cuts be made without the use of the vice.
5. NEVER position your body in line with the abrasive disc whilst cutting.
6. DO NOT remove protective screen.
7. NEVER cut in an area near to flammable materials or gases.
8. ALWAYS make sure the machine is mounted on a firm flat surface.
9. To transport the machine secure the chain link in the special hook and lift by means of the handle located on the upper part of the machine.

MAINTENANCE

Periodically remove the abrasive which accumulates in side the casing and in other external parts. Clean and occasionally oil the vice screw. Check all fixing are secure.

When fitting new carbon brushes it is recommended to clean the armature contacts to give perfect commutation and prolong the life of the motor. ONLY use Sealey replacement / spare parts.

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Safety Instructions

WARNING! When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following. Read all these instructions before attempting to operate this product and save these instructions.

For safe operation:

1. **Keep work area clean** – Cluttered areas and benches invite injuries.
2. **Consider work area environment** – Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Don't use power tools in presence of flammable liquids or gases.
3. **Guard against electric shock** – Prevent body contact with grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
4. **Keep children away** – Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
5. **Store idle tools** – When not in use, tools should be stored in dry, high, or locked-up place, out of reach of children.
6. **Don't force tool** – It will do the job better and safer at the rate for which it was intended.
7. **Use right tool** – Don't force small tools or attachments to do the job of a heavy-duty tool. Don't use tools for purposes not intended; for example, don't use circular saw for cutting tree limbs or logs.
8. **Dress properly** – Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
9. **Use safety glasses** – Also use face or dust mask if cutting operations is dusty.
10. **Don't abuse cord** – Never carry tool by cord or yank it to disconnect it from receptacle. Keep cord from heat, oil and sharp edges.
11. **Secure work** – Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. **Don't overreach** – Keep proper footing and balance at all times.
13. **Maintain tools with care** – Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and, if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
14. **Disconnect tools** – When not in use, before servicing, and when changing accessories such as blades, bits, and cutters.
15. **Remove adjusting keys and wrenches** – Form the habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. **Avoid unintentional starting** – Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. **Outdoor use extension cords** – When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. **Stay alert** – Watch what your are doing. Use common sense. Do not operate tool when you are tired.
19. **Check damaged parts** – Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by an authorized service station. Do not use tool if switch does not turn it on and off.
20. **Warning** – The use of any other accessory or attachment other than recommended in this operation instructions may present a risk of personal injury.

For grinders: Keep guards in place. Always use eye protection. Use only wheels with "Safe Speed" at least as high as "No Load RPM" marked on tool's nameplate. Wear ear protectors when using for extended periods. Save these instructions.