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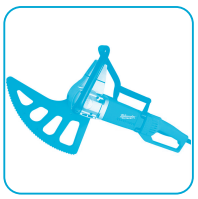
2202 Safety Guidance
v:042017

FTH HIRE GROUP

Kango KS26 Super Saw

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet BEFORE using the Super Saw



1. Electricity can be hazardous and must always be used with great care.
2. This saw is designed for cutting block walls, sandstone, limestone, common brick and wallboard. It should not be used on engineering bricks, concrete or hard stone.
3. The action of this saw can cause injury or damage if the machine is not used in a careful and controlled way.
4. If you have not used a Super Saw before, familiarise yourself with the machine on some straightforward work before you start on the main task.
5. Check that there are no hidden electric cables, gas, or water pipes in the area to be cut.
6. Plan your work and think ahead to make sure you will always be working safely.
7. You must have at least the following items of personal protective equipment: impact resistant goggles; dust mask; appropriate ear muffs or plugs; safety boots: gloves; rcd if using a 230 volt (mains) supply.
8. This saw must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This saw is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it .

WORK AREA

1. Do not use this Super Saw where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the noise and dust. Warn others to keep away. Put barriers around your work area.
4. Do not use this saw in the rain or where it might get wet.
5. Check that there are no hidden electric cables, gas, or water pipes where you are going to cut.

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Before Starting Work...

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact resistant goggle when you are working with this saw.
3. This saw is likely to cause noise levels up to 95 dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. You will need to wear an appropriate dust mask when you are cutting material that causes dust.
5. You must wear safety boots.
6. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

SUPER SAW

1. Check your machine, cables, plugs, and all blade teeth. If anything is found damaged, do not use the saw - contact the hire company.
2. Check that the plug on your saw matches your supply. Do not try to force connections or improvise them.
3. Saws with a cylindrical yellow industrial plug fitted are designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the machine from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about - it may be heavier than you think. Saws designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug.
4. Any work that is not part of a fixture should be securely clamped or held in a vice.
5. Always hold the Super Saw correctly with both hands: one hand on the front handle, the other hand on the rear handle.
6. The saw is best used between chest and waist height. Arrange a proper work platform if you need to cut higher than this.
7. Do not run the saw without the blades fitted.
8. Vibration from using this machine can be hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are working.
9. Do not use this saw to cut asbestos or materials containing asbestos.
10. Check on how the on/off switch operates - before you switch the saw on, you must know how to stop it.

FITTING NEW BLADES

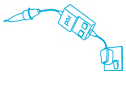
1. Do not attempt to sharpen the blades - this could cause damage or injury. Contact the hire company for advice or replacement blades.
2. If the hire company has provided replacement blades, you must unplug the machine before starting to change them.
3. Using the Allen key provided, remove the four bolts, which retain the blades.
4. Fit the new pair of blades to the machine. The flat surfaces of the blades should be together.
5. Tighten the bolts fully with the Allen Key provided, but do not use any extension on the key - this will over tighten the bolts. If a torque wrench is available, the tightening torque should be between 60Nm to 90Nm (45 - 65 lb ft).

ELECTRICAL SAFETY

Your machine will only operate on one voltage: it will be 110v or 230v. 110v machines will have a yellow industrial plug fitted. 230v machines will have either a normal square pin plug fitted, or a blue industrial plug fitted. Arrange a proper work platform if you need to cut higher than this.

110 VOLT EQUIPMENT (YELLOW PLUG)

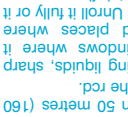
1. If you are using a portable transformer, plug the transformer directly into the 230 volt socket. Do not use any 230v extension cables.



2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.

230 VOLT EQUIPMENT (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ("rcd") plugged directly in to the 230volt socket. Plug your machine into the rcd. This will help to protect you against electric shock if the cable or machine get damaged.
2. Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company has not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.



4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.

ON - OFF SWITCH

The on-off switch and interlock will allow both intermittent and continuous operation of the saw.

Intermittent use

1. To switch on, press the locking button first, and then squeeze the on-off control.
2. Release the locking button, keeping the on-off control squeezed.
3. To switch off, release the on-off control. The machine will stop.

Continuous use (lock-on)

1. To switch on, press the locking button first, and then squeeze the on-off control.
2. To run continuously, release the on-off control first, keeping the locking button depressed. Pressure on the locking button can then be released: the machine will continue to run.
3. To stop, squeeze the on-off control and release: the machine will now stop.

USING THE SUPER SAW

1. Wear protective equipment including ear defenders, dust mask and goggles.
2. Switch off and remove the plug from the socket before making adjustments or fitting new blades.
3. Check that the blades are fitted correctly and securely.
4. Mark out the lines that you want to cut.
5. Switch the saw on and let it run up to speed before contacting the work surface.
6. Always hold the saw securely with both hands: one hand on the front handle, the other hand on the rear handle.
7. Push the curve of the blades firmly into the surface to be cut, until the teeth bite into it. Hold the saw firmly against the surface, but don't use excessive force - it will not make the job quicker.
8. Guide the saw along the full line of the cut before deepening the cut.
9. Move the saw backwards and forwards in a rocking motion to deepen the cut: this helps to clear the dust and spreads wear evenly over the teeth.
10. Remove the blades from the work before switching off.
11. If the blades become jammed due to the movement of loose bricks do not force the machine sideways. Stop the machine and remove any debris. Do not restart until the machine has been freed and removed from the work.
12. Be careful not to free up a large area of masonry without adequate support. Stop cutting every three courses or so to remove loose brickwork.

Please keep this leaflet safely as it may be required for future reference

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