For guidance on managing construction health risks go to
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0807 Safety Guidance
110/230V v:122016

ALLIANCE TOOL HIRE of course!

Tile Lifter

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 you use the Tile Lifter

1. Plan your work and think ahead to make sure that you are always working safely - Read the recommendations in the "Using the tile lifter" section of this leaflet.
2. Electricity can be hazardous and must always be used with great care.
3. The main application for this machine is to remove bonded floor covering in dry environments. It should not be used for any other purpose.
4. The action of this tile lifter can cause injury or damage if the equipment is not used in a careful and controlled way.
5. You must have at least the following items of personal protective equipment (PPE):

   goggles; dust mask; boots or protective footwear;

   ear muffs giving protection for levels up to 101 dB(a) and gloves.
6. This tile lifter must not be used by minors, or by anyone under the influence of drugs or alcohol.
7. This tile lifter is designed to be used by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before doing so.
8. Exercise caution whilst loading this machine; in particular into and out of your vehicle as its weight is unevenly distributed. Observe good lifting practice and, where possible, share the load.

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Using the Tile Lifter

1. Wear your personal protective equipment including ear defenders, goggles, protective footwear and gloves.
2. Extra caution must be exercised with stiff flooring and aggressive adhesives as they may cause the tile lifter to move sideways.
3. Keep the cable clear of the cutting blades of the machine.
4. Watch out for signs that vibration may be affecting your hands. If your fingers start to tingle or feel numb, take a short break from using the machine. Exercise your fingers to encourage blood circulation.
5. To reduce the risk of vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm: wearing gloves may help do this.
6. Should the machine vibrate excessively is must be returned to the hire company.
7. If you think the cable may be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable or extension lead attached to the tile lifter is damaged, stop using the machine and contact the hire company.
8. Take care not to accidentally remove the plug from the socket.
9. Switch off and remove the plug from the socket before leaving the Tile lifter unattended.
10. If your equipment does not work properly do not attempt to repair it. Contact the hire company.
11. You may want to read this leaflet again. Please keep it until you finish work.

Keep this leaflet safe as it may be required for reference at a future date

Before Starting Work...

WORK AREA

1. Do not use this tile lifter where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Do not use this tile lifter in the rain or where the electrical parts might get wet.
3. Protect other persons from the noise and potential harm and ensure your working area is clear.
4. Before starting work clear the area from dirt and debris and other obstacles that could affect your route or damage the blades.
5. Before starting work the flooring requires cutting into strips the same width as the machine's blades.
6. It is recommended that you cut the first strip at right angles to the main working direction; this will make access to the next strips easier.
7. If the floor covering is bonded with a resin, smaller strips should be cut.

OPERATORS

1. The following items of personal protective equipment (PPE) must be used as a minimum.
2. You must wear eye protection to a minimum level of protection.
3. This equipment is likely to cause noise levels up to 101dB(A) - wear appropriate ear protection for this level.
4. You will need to wear an appropriate respirator (dust mask).
5. Wear safety boots or protective footwear.
6. Anyone working near you will also need to use appropriate personal protective equipment.

TILE LIFTER

1. Check your machine, cables, plugs and guards. If anything is found damaged do not use the tile lifter. Contact the hire company.
2. Check that the plug on your machine matches your supply. Do not try to force the connection or improvise them.
3. Machines with a cylindrical yellow industrial plug are designed to operate off a 110 volt supply. The hire company will provide a portable transformer if you are required to power the machine from a standard 240 volt supply.
4. If a 110 volt transformer has been provided take care not to injure yourself whilst moving it - it may be heavier than you think.
5. Always ensure that you operate the tile lifter with two hands.
6. Ensure that you check the on/off switch for location and operation before commencing work.

BLADES

1. YOU MUST ensure that the machine is switched off and the plug is removed from the socket before removing any waste that may collect near the blades of this machine. Ensure that you are wearing appropriate PPE.
2. Blades fitted to your tile lifter can only be removed or replaced by the hire company - under no circumstances attempt to remove or replace them yourself.

ELECTRICAL SAFETY

Your equipment will only operate on one voltage: it will be 110v or 230v. 110v equipment will have a yellow industrial plug fitted. 230v equipment will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for your equipment.

110 VOLT MACHINES (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 one, not longer than 50 metres (160 feet). Plug it directly into the RCD.
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. 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.

230 VOLT MACHINES (Square Pin or Blue Plug)

1. Use a residual current device (RCD) plugged directly in to the 230 volt socket. Plug your equipment into the RCD. This will help to protect you against electric shock if the cable or equipment 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 have 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. Make sure that any extension cable connections are dry and safe.

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