

Toolbox Steamer



What you will need

- Ungalvanized steel cantilevered toolbox
- Cake tin
- Cooling racks
- Camping, spirit burners
- Bricks to support the toolbox
- Powered drill and steel bits
- Angle grinder with steel cutting discs and flap discs

Personal Protective Equipment

- Protective gloves (EN388) to guard against cuts and burns
- Safety glasses
- Ear defenders when using angle grinders

Safety notes Always take care when using power tools and, as a precaution, have a first aid kit to hand. Work on a stable surface, in good light. Wear all personal protective equipment and suitable clothing. Construction can take place indoors, especially if the weather is inclement. However, all fires should only be lit outside, in a ventilated area that is a distance from structures, or other things, that may catch light. The grill and mesh will get hot when in use and should not be allowed to contact bare skin. Keep water and/or fire extinguishers to hand, in case of uncontained fire. Those under the influence of intoxicants should not engage with this project. You will need to carry out appropriate risk assessments, should you intend to undertake this project in public areas, such as parks, or camping grounds. Also ensure that it is legal for you to do so. If any injuries, or burns occur seek medical advice.

Only use outdoors in a well ventilated area. Keep away from heat sensitive areas and never leave unattended. The metal box will get hot. Always handle with care and wear heatproof gloves when handling it.



To use it for food, the toolbox needs to be emptied and cleaned. Cooking will be achieved using circulating steam, so you'll need to perforate the internal surfaces of the toolbox trays and create a water reservoir to make the steam. First cut a hole so that a bread tin can fit inside the toolbox without falling out.





Next drill hundreds of 5mm holes on every internal base and side in the toolbox.





Grind away any paint where the flame may touch, this will prevent the paint from burning.



Cut a cool rack down to fit inside the sections, this will raise the food slightly and not block the holes you have drilled.

Pour water into your bread tin for the steam.



Place the toolbox on a few bricks to raise it and using alcohol burning chafing dishes heat up with water in the bread tin.

Now load up your toolbox with food to steam.



General Safety Guidelines

FLAMES

When lighting fires, using naked flames or tools that can generate sparks, please ensure that there is adequate space in the surrounding area and that there are no dry or flammable surfaces nearby. Having water on hand or a sand bucket is a good safety precaution.

SOLVENTS

When using glues or other solvents, it is important to ensure that they do not come into contact with your skin or food surfaces and ensure that they are used in a well ventilated area as they can be toxic. Be sure that they have dried so that all solvents have evaporated before preparing food.

FOOD PREP

Please clean all surfaces thoroughly before serving food and ensure raw food preparation areas are not also used for cooked food serving and presenting.

TOOLS

When using power tools, please ensure that you have read the instructions carefully and that you have the correct Personal Protective Equipment to operate them safely. If you are not experienced at using them seek help or advice from those more experienced on how to use them safely.

HEAT

Please be mindful that metal gets incredibly hot when heated so please be careful around hot surfaces, make sure others are kept at a safe distance and that you use the correct Personal Protective Equipment (PPE) including protective clothing when handling or working near these builds.