



# SCHWENKER

JAMIE & JIMMY'S FRIDAY NIGHT FEAST SERIES 6

## Overview

Inspired from the German way of cooking in the Saarland state, this DIY schwenker is a style of barbecuing using adjustable grills over an open fire. This simple yet impressive design, made from very easy to get materials allows you to cook sausages with an even heat by being able to raise and lower the grill over the fire.

## What you will need

- 3x 2.4m 50mm Wooden Poles (Branches could be used, or metal tubes)
- 1x 80cm Grill
- 1x 50cm Grill
- 4m 4mm Chain



- Pulley - Metal
- Rope
- 6x 'S' Hooks
- Carabiner
- Screw or hook
- Fire pit (or 12 x red bricks and 1 x old BBQ lid with plastic handle removed)

## Tools & Safety equipment

- Bolt Cutters/Hacksaw (to cut chain)
- Hacksaw/Angle Grinder (to cut steel angle)
- Vice or Workbench
- Drill with 6mm bit
- *Appropriate clothing/ footwear*

### Fuel

- Eco firelighters
- FSC charcoal
- Beechwood chips

## How to build a Schwenker

### I. Build a tripod

- Lay the 3 poles flat on the floor, prop up the end of the poles off the floor.
- Tie a clove hitch around the first pole, 25cm from the end.
- Weave the rope around the poles several times.
- Wind the rope around the weaves between the poles.
- Tie the end of the rope off, leaving a loop for the pulley.
- Stand the poles up, and spread the bottoms apart in a tripod shape.



## 2. Attach pulley, rope and grill

- Hook the pulley from the rope at the top
- Cut 3 lengths of chain - one long length of main chain and 2 shorter attachment chains (length will depend on the grill and pole sizes etc)
- Drill a screw or the hook into one of the three legs about halfway down, if necessary, file the screw.
- Feed the long length of chain through the pulley and hook one end onto the screw/hook.
- The other end will work as a third attachment chain.
- Join all three chains together with the carabiner.
- Use the 'S' hooks to attach the large grill to the end of each of the three chain lengths.
- Use the 'S' hooks to attach the smaller grill approximately halfway between the bottom grill and top of chains.



### 3. Place Schwenker & make fire-pit

- Once happy with the placing of your schwenker, tap into the ground using a mallet to make secure.
- Put fire pit beneath schwenker.
- If creating your own fire pit, assemble 6 bricks in a loose triangle shape, beneath your schwenker (2 each side). Add the other 6 bricks on top to raise it up.
- Remove any plastic from the old BBQ lid (plastic handle), place it upside down on the bricks.
- If your BBQ lid is deeper than the brick stand, add another layer of bricks to raise the fire from the floor.
- Light your fire using eco firelighters and FSC charcoal. For a smoky taste add beech wood chips once the fire is hot.



### Specific Safety Notes

- The Schwenker can topple over if the tripod is not secured into the ground, ensure that it is sturdy and steady before placing a fire pit and lighting it below.
- Ensure that the wooden poles are at least 2ft (60cms) away from the fire pit to avoid burning of the poles.
- The grill will be hot when the fire pit is lit, take care and use fireproof gloves if you need to touch the grill to move it.
- As with all fire based builds, this is an incredibly dangerous environment and should be supervised at all times if children or animals are in the vicinity.
- Ensure that you have a water bucket or fire extinguisher on standby in case of the fire going out of control.



## End User Notice

A DIY schwenker is strictly for outdoor use only. Only use power tools and tools in accordance with manufacturer's instructions. Ensure all necessary safety equipment is worn at all times. You are responsible for fire safety when you light a fire. The instructions in this document are intended as a guide only, any building you do is at your own risk. You should regularly assess the safety of the Build during construction and afterwards

## 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, a sand bucket or a powder fire extinguisher is a good safety precaution. Never leave a fire unattended at any time and always ensure the fire is supervised for at least 60 minutes after it has been put out to ensure the area remains safe.

### 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 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 and heat protective gloves when handling or working near these builds.

Once you have finished using the build, remain a safe distance from the build ensuring that it has cooled fully before you touch it.

## Children

Make sure that children and others are kept at a safe distance throughout the making of the build and whilst you are using it. Ensure that the build is given enough time to cool fully before you leave it unattended.

## Personal Protection Equipment (PPE) Safety Guidelines

TOOL	ADVICE
<b>For any tasks that will generate dust / particles a dust mask is advised</b>	
ANGLE GRINDER	<ul style="list-style-type: none"> <li>● Hearing Protection</li> <li>● Safety goggles</li> <li>● Dust mask</li> <li>● NO GLOVES (spinning equipment)</li> <li>● Long sleeve cotton clothing</li> <li>● Safety boots</li> </ul>
JIGSAW	<ul style="list-style-type: none"> <li>● Safety goggles</li> <li>● Dust mask</li> <li>● NO GLOVES (spinning equipment)</li> <li>● Safety boots</li> </ul>
MITRE or CHOP SAW	<ul style="list-style-type: none"> <li>● Safety goggles</li> <li>● Dust mask</li> <li>● NO GLOVES (spinning equipment)</li> <li>● HEARING PROTECTION</li> <li>● Safety Boots</li> </ul>
MIG WELDER	<ul style="list-style-type: none"> <li>● Welding clothing</li> </ul>

	<ul style="list-style-type: none"> <li>● UV welding mask</li> <li>● UV eye protection for observers</li> <li>● Welding gloves</li> </ul>
IMPACT DRIVER (DRILL)	<ul style="list-style-type: none"> <li>● Safety goggles</li> <li>● NO GLOVES (spinning equipment)</li> </ul>
HAND SAW	<ul style="list-style-type: none"> <li>● Safety boots</li> <li>● Safety Gloves to be worn for all non rotating saws</li> </ul>
FILING	<ul style="list-style-type: none"> <li>● Gloves (especially for metal work)</li> </ul>
HACK SAW	<ul style="list-style-type: none"> <li>● Safety boots</li> <li>● Safety Gloves to be worn for all non rotating saws</li> </ul>
BENCH DRILL	<ul style="list-style-type: none"> <li>● Safety goggles / Bench drill guard</li> <li>● Safety boots</li> </ul>
WIRE CLIPPERS/CUTTERS	<ul style="list-style-type: none"> <li>● Safety goggles</li> </ul>
LIGHTING FIRES	<ul style="list-style-type: none"> <li>● Fire safety gloves (for putting coals onto a lit fire)</li> <li>● Bucket of water</li> <li>● Suitable Fire extinguisher</li> <li>● Fire poking tools (metal)</li> </ul>
CHISEL/HAMMER	<ul style="list-style-type: none"> <li>● Safety Goggles</li> <li>● Safety Gloves</li> </ul>
TAPER DRILL BIT	<ul style="list-style-type: none"> <li>● Safety goggles</li> <li>● SAFETY rigger GLOVE for securing metal bowl.</li> </ul>