

# Welcome to the Bushbox Ultralight



Thank you for purchasing one of our multi-fuel hobo stoves. We hope you enjoy this high quality product, entirely made in Germany from stainless spring steel.

If it comes with a few scratches from production: We have most of our parts manufactured and refined using processes that are particularly gentle on our employees, nature and its resources. The Bushbox Ultralight is made of spring steel and is therefore too light for this gentle form of surface treatment. To avoid environmental pollution and health risks, we leave the surface untreated. However, possible scratches disappear with the first few uses.

## Tips & Tricks

You will find a growing number of great videos from users of our stoves on YouTube and Facebook. Even if these are not in your language, they will give you a few hints about how to use a hobo stove. You can find more videos and information here:

[www.facebook.com/BushcraftEssentials](http://www.facebook.com/BushcraftEssentials) (do not hesitate to post in English, we'll answer in English)

[www.youtube.com/user/bushcraftessentials](http://www.youtube.com/user/bushcraftessentials)

We look forward to see your videos and feedback!

## Bushbox Ultralight Assembly

Our YouTube-Video <https://www.youtube.com/watch?v=JbsHlobrLXM> explains the assembly:

1. Connect two side panels.
2. Insert the base plate at the desired position between these two side panels.
3. Gently squeeze the two side panels between thumb and middle finger at their open ends.
4. Click third side panel into position.
5. Make sure all side panels are properly connected and locked.
6. Use trivet if desired:
  - Slide first side of the trivet **from the inside to the outside** into the groove on the upper side of a side panel.
  - Gently squeeze the next side panel on its small sides between thumb and middle finger so that it curves to the outside and slide the next "wing" of the trivet into its position.
  - Repeat that for the third side panel.
  - Make sure the trivet is properly attached and locked.

## Disassembly

1. Let the Bushbox Ultralight cool down!
2. Unlock the side panels on one side: The whole stove will come apart.
3. If operated in Trangia mode with attached trivet or grill plate: You **MUST** practise how to disassemble the Bushbox Ultralight in full operation without burning your fingers - **otherwise the Trangia cannot be extinguished** (use the supplied cotton bag or sticks/pens/tent pegs/flat stones)!
4. Please watch <https://www.youtube.com/watch?v=N196rFGGixE>

## Lighting a Fire

If you are not experienced in making fire, you will find very useful videos about the subject on YouTube. Basically (if you use natural fuel like wood): To start a fire use birch bark, feather sticks, wood shavings, cotton pads or similar. Gradually add thin material until you get a nice fire. Then gradually add thicker material. The fuel for your stove is provided for free by Mother Nature – dry spruce twigs for example are great. Never use wood lying on the ground as it will always be damp (except in arid regions). Make sure the holes in the base plate are not clogged up so the stove can "breathe"!

## Usage

The underlying principle of a hobo stove is the chimney effect. The smaller the stove, the easier it is to destroy the effect by blocking the air flow. Make sure you never completely cover the upper side – otherwise the fire will die and/or smoke will develop. Also make sure your stove can "breathe" from below. Make sure wood and ashes do not clog the holes in the base plate. The stove will then cease to function or will smoke. Keep the holes in the base plate clear and you will always have a nice fire. Finally, it is important to make sure you always have

enough fuel (i.e. wood etc.) available to keep the fire burning. Our stoves burn fast and hot, so the fire will die fast if you do not continuously add new material. Prepare a sufficient supply of material before you start the fire or use longer branches which can be fed through the aperture (be careful when using this method, burning material may fall out and start a wildfire).

## Multi-Fuel

The Bushbox Ultralight can be operated with many fuels – wood, a standard Trangia burner, esbit/hexamine tablets, gel fuel cans, wood pellets, charcoal, dry animal dung etc.

## Care/Maintenance

Our stoves are high quality products, designed to accompany you for a very long time. Although they need almost no care and maintenance, you should keep the stove free from dirt and clean it from time to time.

## Bushbox Ultralight Operation Modes

Depending on the type of fuel you are using, the Bushbox Ultralight can be used in the following operation modes:

### Solid Fuel Position (Hobo mode)

Put the base plate in the highest position. In hobo mode, you should also use the optional ash tray (in the lowest position) to protect the soil from ashes and embers (due to the construction some hot embers may still fall through, so make sure you operate the stove on a safe, non-flammable surface).

### Trangia Position / Extinguishing the Trangia

1. Assemble the Bushbox Ultralight as described, base plate (or trivet) in the lowest position.
2. If you are using larger pots, you can use the trivet as a base for the Trangia (instead of the base plate). Without the base plate, the weight of the Bushbox Ultralight can be reduced to approx. 60g.
3. Warning: If you are using the Trangia burner with attached trivet or grill plate, you must not use the old model of the Bushbox Ultralight (with smaller front opening) or the hobo mode front panel. Otherwise the Trangia cannot be extinguished.

### Esbit/Hexamin Position

Like in hobo mode the base plate should be inserted in the highest position.

**Enjoy your hobo stove!**  
**Your team at Bushcraft Essentials**