



# Safety

## Building the machines

The machines are made using basic tooling. Although the tools are simple, they can still hurt you. Make sure to use the right safety equipment when you start building, safety glasses, welding gloves, hearing protection etc.

## Dangers of heating plastic

Various research results show many different opinions on whether heating plastic is dangerous or not. It also depends on which type of plastic you are working with. Many researches show that keeping the temperature of the plastic in the melting zone (not burning it) isn't harmful. When doing hands-on research we noticed most people working in plastic industry work according to this rule.

However to be on the safe side, we personally try to avoid inhaling any plastic fumes, wear carbon-mask if we are experimenting and always make sure there is good ventilation.

Overall, stay safe..

We don't want you in the hospital,  
we need you recycling!