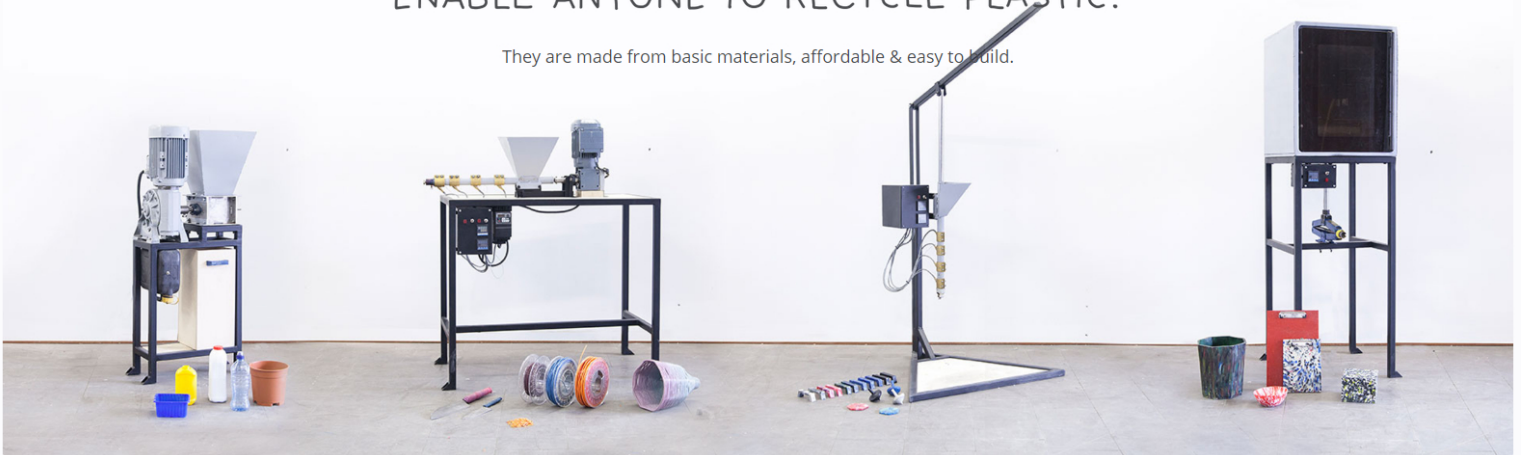




WE HAVE CREATED MACHINES THAT ENABLE ANYONE TO RECYCLE PLASTIC.

They are made from basic materials, affordable & easy to build.



Features



Modular

The machines are made of different components that can be repaired, replaced, or customized.



Open source

The blueprints and tutorials for our machines will always be freely available online, for anyone to access and use.



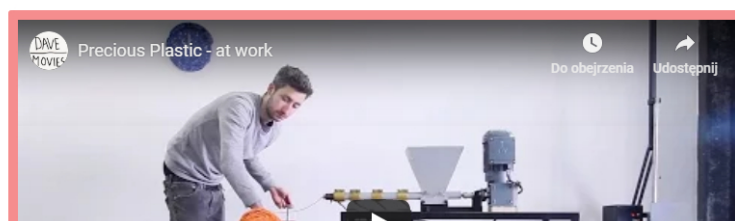
Inclusive

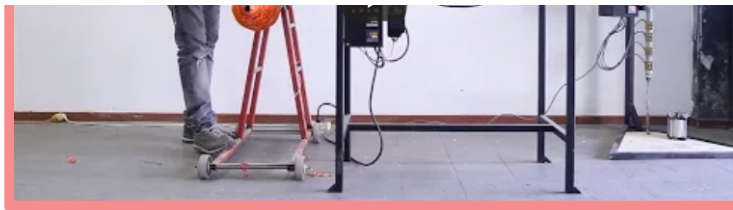
By using basic materials, tools, and universal parts, the machines can be built all over the world.



Build yourself

We've created a series of video tutorials that are easy to follow and help you get started building the machines.

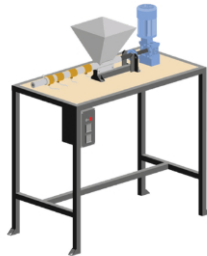




Shredder machine

Plastic waste is shredded into flakes which will be used in the other machines to create new things. You can select the output size of these flakes by changing the sieve inside the machine to create different patterns and processes.

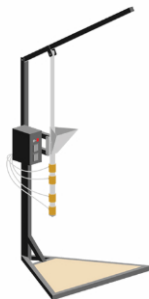
[Build the shredder machine >](#)



Extrusion machine

Extrusion is a continuous process where plastic flakes are inserted into the hopper and extruded into a line of plastic. These lines can be used to make new raw materials such as 3d printing filament, make granulated plastic, spun around a mold, or used in your own new and creative ways.

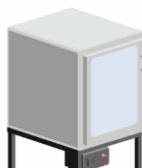
[Build the extrusion machine >](#)



Injection machine

Plastic flakes are heated and injected into a mold. It's a relatively quick process which is well suited for creating small objects repeatedly. You can make the molds completely yourself by using CNC mills or lathes, or by simply welding them.

[Build the injection machine >](#)



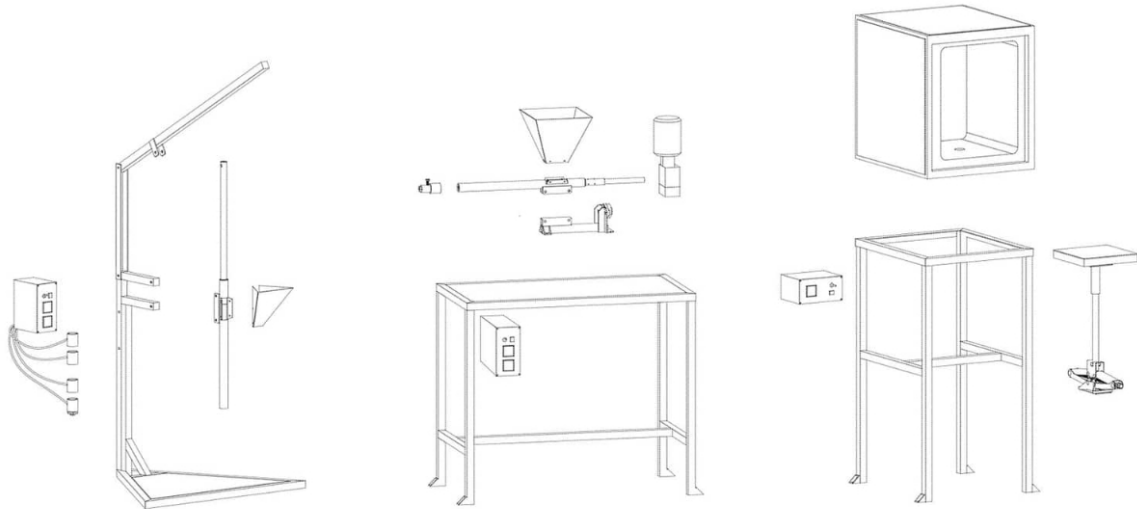
Compression machine

Plastic is heated inside the oven and slowly pressed into a mold with



a carjack. Well suited for making large and more solid objects, the oven itself is also a great machine for prototyping and making plastic tests with.

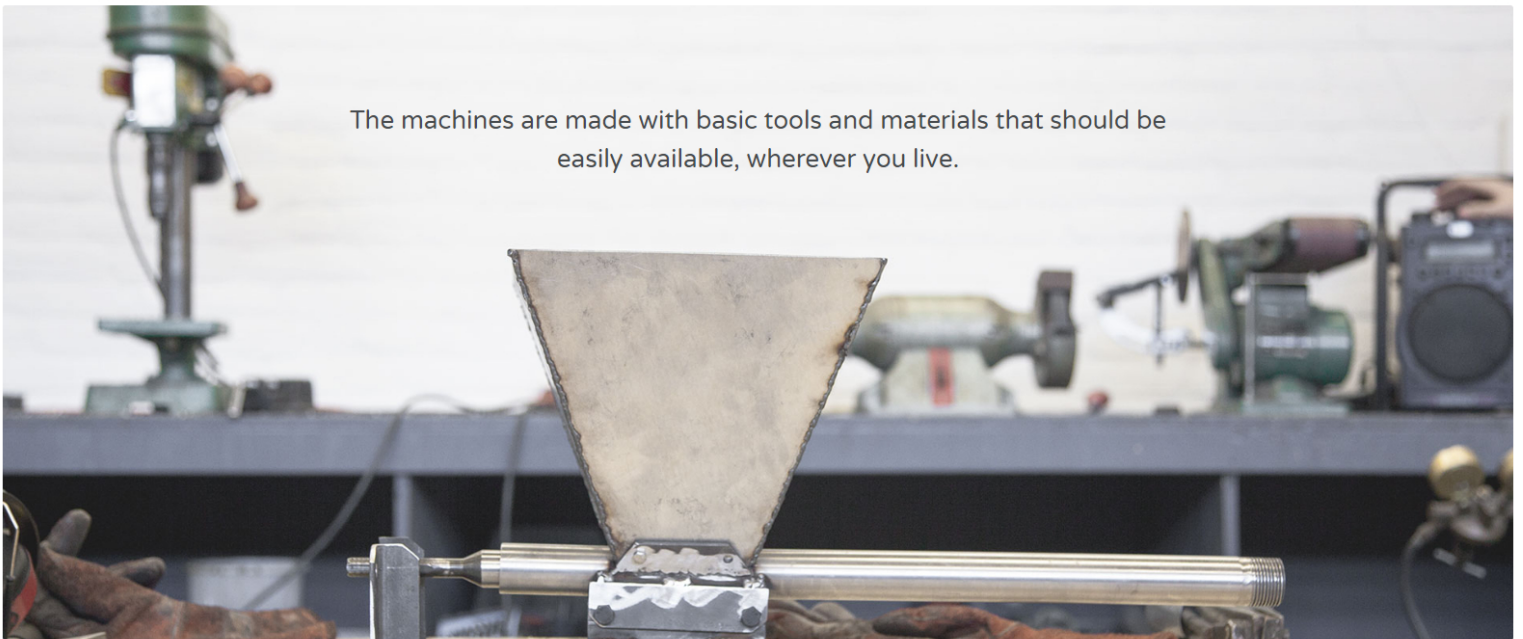
[Build the compression machine >](#)



Build them yourself

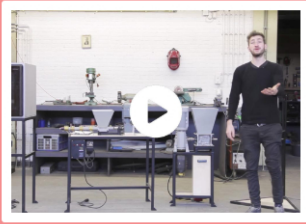
We share all the information you need to build them yourself, or perhaps with the help of a local handyman.

The machines are made with basic tools and materials that should be easily available, wherever you live.



Ready to build your machines?

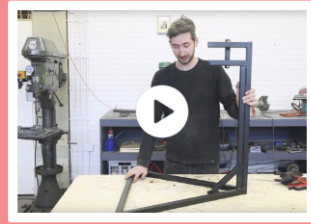
We have created simple video tutorials to allow anyone to build the machines and start recycling plastic waste.



Start building machines



Build the shredder



Build the injection

[Start building >](#)



PRECIOUS
PLASTIC

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A PROJECT BY DAVE HAKKENS