

A Desktop Vacuum Former to Bring Your Classroom to Life.



Key Benefits

Give your classroom superpowers

Mayku believes students, teachers and creators should have the power to make incredible things from their desk. Packing industrial strength into a small space, the FormBox is a powerful, portable learning tool.

Bring STEAM subjects to life

Foster direct, creative engagement in STEAM curriculums and allow cost-effective exploration of product design, technology, manufacture, business concepts and beyond.

Big power, low price to life

Four times cheaper than the nearest competitor - the FormBox lets learners bring their ideas to life, prototype designs and build their very own miniature production lines - whilst saving your budget.

Turbocharge your 3D printer

Help those little inventors pioneer the future of desktop manufacturing. Partner the FormBox with a 3D printer to create multiples in minutes.

Kid-friendly and easy to use

The FormBox allows students to create simple forms from everyday items, such as potatoes or plasticine. The FormBox is certified for kids 8+ under adult supervision. Kids 12 and over can use it without an adult. So you'll be able to keep them engaged for hours without worrying about health and safety.

Everything you need to get started

The FormBox comes with 30 free sheets, casting materials and 3 project templates to use in the classroom. Combined with free access to Mayku's online library of projects, you'll be able to get kids engaged straight out of the box.

Compact and easy to store

The FormBox gives advanced manufacturing technology in a space no larger than a laptop, taking up less space in the learning environment.

Choose from a world of materials

Bring unique ideas into the real world in hundreds of different ways by choosing from a huge range of materials to work with; giving you the freedom to develop new and creative ways of getting kids engaged with learning.



How it Works

1



Make your design and place it on the bed.

2



The Formbox moulds a 3D shape in seconds.

3



Take it out and make dozens more in minutes.

4



Or use it as a mould to cast hundreds of versions in a range of materials.

What have we been making?



Concrete cactus pots



Product prototypes



A box of chocolates and packaging



Geometric soap and the dish for it to live in



An aerodynamic drone casing



A set of coloured superhero masks



Mock up glasswork for a geodesic dome

The possibilities are endless!

Materials

Forming

Mayku Form - White versatile sheet for making objects.

PN: MFA180100AA

Mayku Cast - Clear, food safe sheet for making reusable moulds.

PN: MCA180100AA

Casting

- Concrete
- Plaster
- Soap
- Chocolate
- Jesmonite
- Wax
- Jelly
- Ice
- Foam
- Silicone

Key Specs

- 8" x 8" forming area
- 5" draw depth
- 1000W ceramic heater
- Temp 320 - 644 °F
- Material thickness 1/64" - 1/16"
- Large external handles for safe and easy use
- Steel bearings for smooth operation

Questions?

Get in touch: Learning Labs,

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lli-estore.com/collections/mayku

