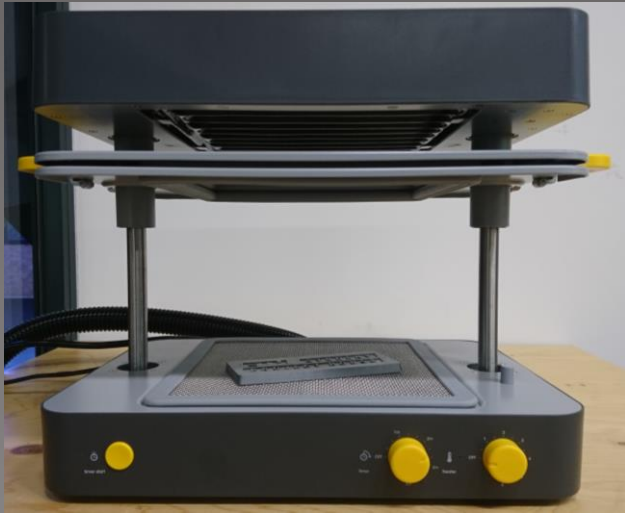


FormBox Vacuum Former



Bed size 200 x 200 mm

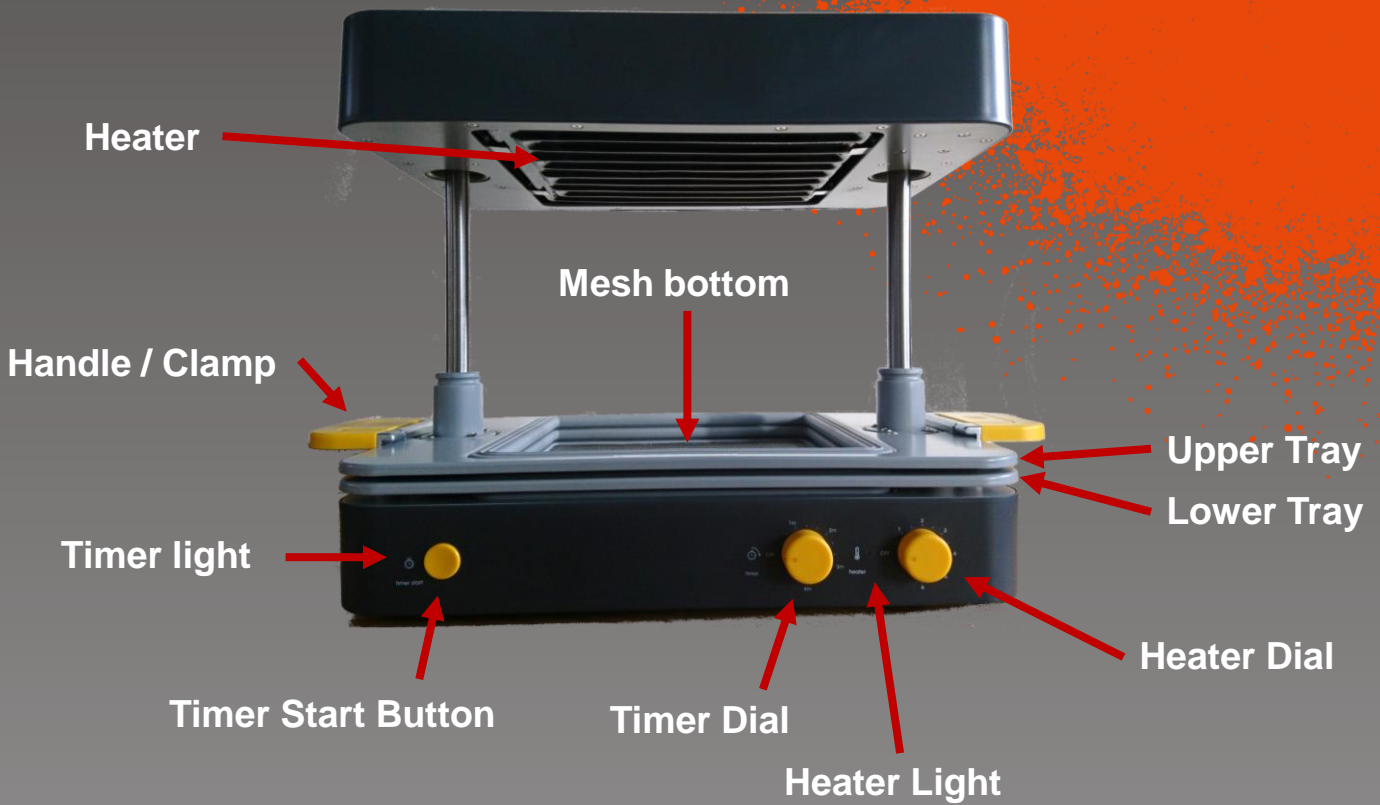
Max mold size 150 x 150 mm

	<i>Material</i>	<i>Colour</i>
<i>Form Sheet</i>	<i>HIPS</i>	<i>White</i>
<i>Cast Sheet</i>	<i>PETG (food safe)</i>	<i>Transparent</i>

Safety

NEVER cover any ventilation holes

Terms



Use Ideas

quick prototyping

molds for soap, chocolate, concrete, resin...

form fitted packaging



Preparation

Choose material

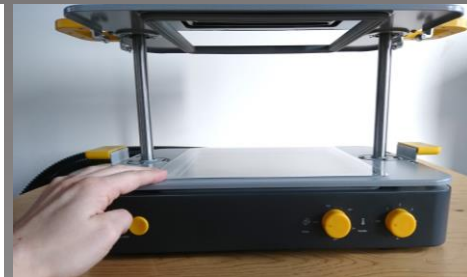
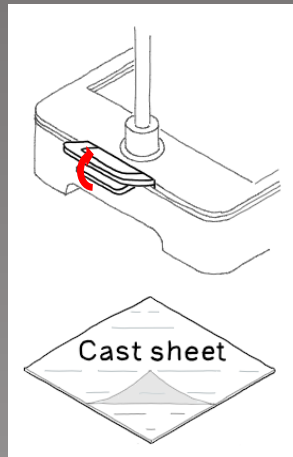
Set time and heater dials

	Temp.	Timer
<i>Form Sheet</i>	5	2:00 – 2:20
<i>Cast Sheet</i>	5	1:00 – 1:20

Unclamp and lift up upper tray

(For Cast sheet: remove film)

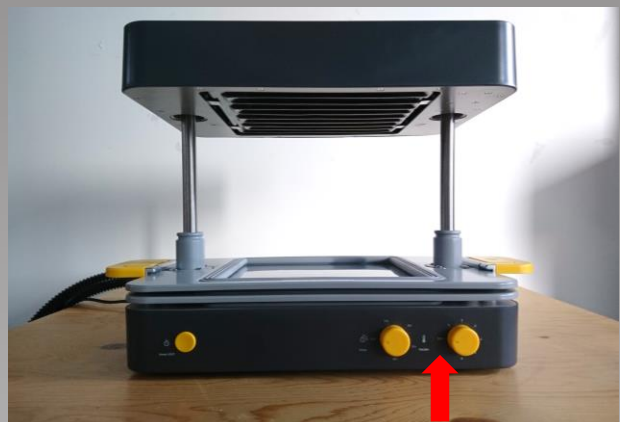
Place sheet on the lower tray



Push upper tray back down

Clamp trays together

Wait for heating light to switch from blinking orange to green

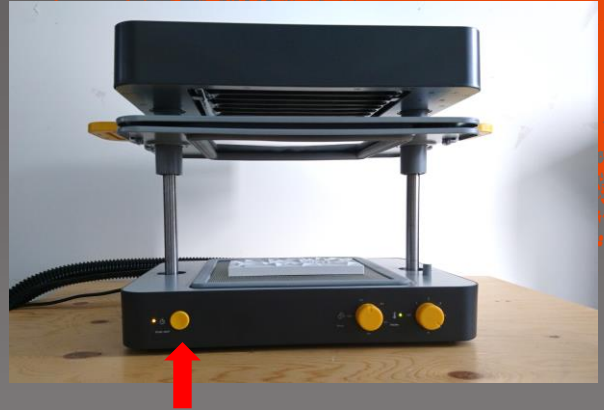


Forming

Move trays up

Start timer

*Place template in centre of mesh
(Leave at least 3 cm between
multiple objects)*



*Once the ticking sound get
faster, check if sheet is warm
(→ it droops down)*



*Pull down on the handles to
bring both trays over the
template*

*The vacuum will switch on
automatically*

*Wait for form to cool down
Unclamp the forms and take out
your form*

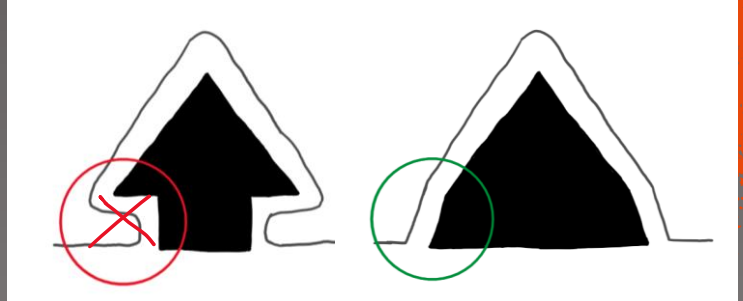
Switch off the heater dial



Design rules

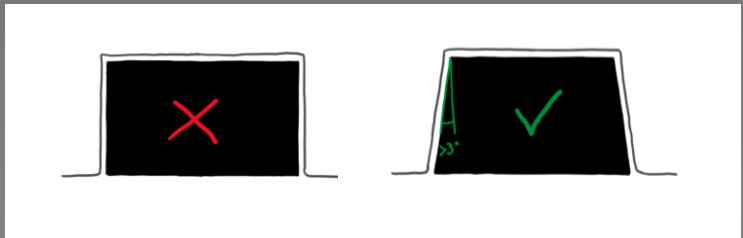
No undercuts

→ all sides visible from top



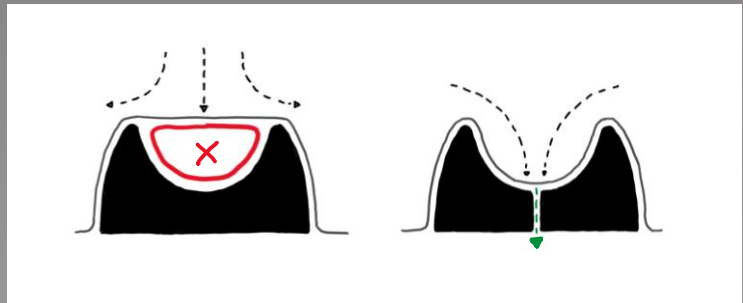
Add draft angles ($> 3^\circ$)

→ no vertical walls



Add air holes for dips

→ no blocked air in pockets



Avoid sharp corners

(might otherwise lead to rupture or folding of the sheet)

