

# WELCOME

Hey Everyone!

Welcome to our Download Kit.

This kit includes all the information you need to build our mould which you can use to make skateboard decks from 100% recycled plastic.

The kit is used in combination with our build video, explaining how to build the mould, which can be found here: <https://youtu.be/v7-KU0ofVPM>



The decks are made using an extrusion machine, to learn more about them and how to build one, see here:

[community.preciousplastic.com/academy/build/extrusionpro](https://community.preciousplastic.com/academy/build/extrusionpro)

## 1-3D CAD

3D Models of the mould in Solidworks 2020 and STEP format.

## 3-2D Blueprints

2D Blueprints (Technical Engineering Drawings) of each part of the mould in Solidworks 2020 and PDF format. The section also includes a template for making your own drawings if you modify the content.

## 3-CAM Files

Packages of information you can send to machinists containing 3D Models and 2D Blueprints and a cutting list for the laser cut parts with quantities.

## 4-Electronics Schematic

An Electronic Schematic of the control box in Adobe Illustrator, Corel Draw 2017 and PDF format. This can be read by your or given to an electrician to make it for you.

## 5-BOM

A bill of materials with prices and URLs for each component is divided into material types. The tooling section is divided into the tools you need for deck production, mould production, or both.

## 6-Documents

Supporting text documents detailing technical aspects of the mould.

[linktr.ee/ProjectRPSD](https://linktr.ee/ProjectRPSD)

