



## Technologies

### 3D Printing

4 FDM Printers

- (200x200x200)
- (400x400x400)

2 SLA Printers

- (200x200x200)

Materials: PLA, ABS, PETG, UV Resin.

### CNC Milling

1 CNC (XYZ axis)

- (1000x1500x150)

1 Rotary CNC (4 axis)

- (400x350x135)

Materials: Wood, Aluminium, Composites.

### Laser Cutting

100W LaserCutter

- (1000x600)

Materials: Wood, Acrylic, Some Composites.

### Metalworking

Lathe; Desktop Sander; Multi-Process Welding Inverter;

### Woodworking

Several portable power tools (sanders, jigsaws, routers, drills)

Several Manual Tools

3 Table Saws.

1 Band Saw.

### Electronics

Several Arduino Kits.

Micro Welding Station.

## PDF | Porto Design Factory

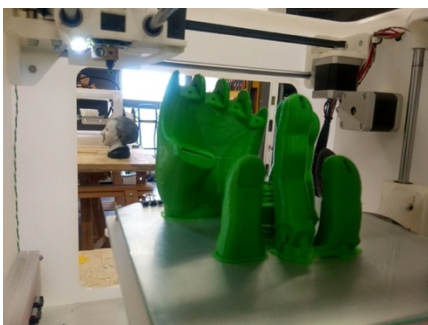
Porto, Portugal

**Porto Design Factory (PDF) is an educational, experimental, and transdisciplinary platform that unites students, teachers, researchers, and industry.**

**Our vision is to build a transversal learning culture, focusing on training better professionals and conceiving better solutions for the world.**

Being embedded in the Porto Polytechnic, we are strongly tied with our 8 schools where our students mainly come from. We also work with students outside of our institution, as well as international ones. Besides the ATHENA European University, we integrate 2 other networks, the DFGN – Design Factory Global Network, and the SUGAR Network.

We work mainly with students from design, business, engineering, and health. Recently, we are aiming to collaborate further with students from other fields (eg: education, economics, arts, and media).



## Our Expertise

Product and Service Innovation

Our focus is mainly on education activities, design sprints and workshops, all related mostly with product and service development. We collaborate each year in courses which offer our students an alternative for a more transversal and international capacitation.

PDF's FabLab main purpose is to support the students enrolled in our activities, while presenting itself as a place to promote innovation, and to positively impact our local community.