# **FabLab**

A permanent space for learning, making, and innovating.



#### What is a FabLab?

A **FabLab** is a fully-equipped digital fabrication laboratory designed to support prototyping, development, and community innovation.

## Why Choose a FabLab?

- · Built for education, creativity, and innovation
- schools. Ideal for libraries, makerspaces. institutions and companies
- Scalable, safe, and future-proof
- Supported by professionals with hands-on experience

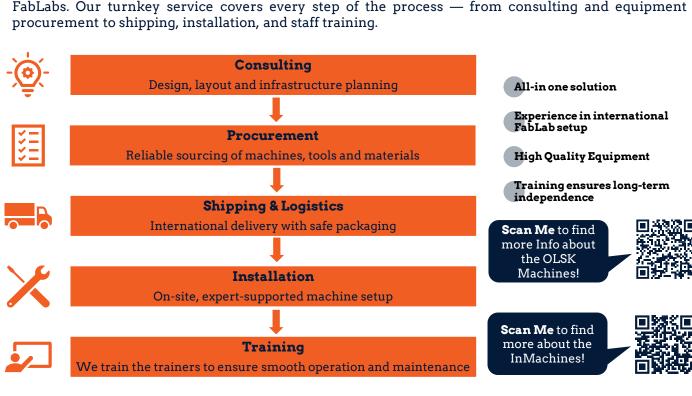


#### **Our Services**

We manage the entire FabLab setup process — from planning the space to training your team. Procurement is carried out through reliable suppliers, and logistics are handled with trusted partners to ensure everything runs seamlessly.

### Why Choose Us?

We support institutions, organizations, and communities worldwide in building fully equipped FabLabs. Our turnkey service covers every step of the process — from consulting and equipment



# FabLab Equipment Depending on the needs, the equipment may vary

Category		Main Equipment	Consumables & Accessories
<b>\</b> @	Electronics & Embedded Systems	<ul> <li>Soldering Iron</li> <li>Desoldering Pump</li> <li>Solder Fume Extractor</li> <li>Hand Tools (tweezers, cutters, pliers, strippers, screwdrivers, vise)</li> <li>Magnifier Eye Loupe</li> <li>Microcontrollers</li> <li>Development Boards</li> <li>Cameras</li> <li>Programmer</li> <li>Operational Amplifiers</li> <li>Motor Drivers</li> <li>Voltage Regulators</li> </ul>	<ul> <li>Solder Wires</li> <li>Desolder Braid</li> <li>Antistatic Bags</li> <li>Copper Clad Boards</li> <li>Resistors, Capacitors, Inductors</li> <li>Diodes</li> <li>Transistors</li> <li>LEDs</li> <li>Sensors</li> <li>Switches</li> <li>Connectors</li> <li>Cables</li> <li>Battery Clips &amp; Connectors</li> <li>MicroSD Cards &amp; Connectors</li> <li>Regulator ICs</li> </ul>
8	Digital Fabrication Machines	<ul> <li>3D Printer (FDM type)</li> <li>3D Scanner</li> <li>CNC Milling Machine</li> <li>Precision Milling Machine</li> <li>Laser Cutter</li> <li>Vinyl Cutter</li> </ul>	<ul> <li>PLA &amp; PETG Filaments</li> <li>Nozzles &amp; Adaptors</li> <li>Vacuum Bags</li> <li>Milling Bits</li> <li>Collets</li> <li>Machine Oil</li> <li>Lens Cloths</li> <li>Venting Ducts &amp; Fans</li> <li>Turbine Units</li> <li>Heat Transfer Vinyl</li> <li>Standard Vinyl Rolls</li> <li>Transfer Tape</li> </ul>
<u></u>	Wood & Metal Work	<ul> <li>Cordless Drill</li> <li>Circular Saw</li> <li>Scroll Saw</li> <li>Bandsaw</li> <li>Angle Grinder</li> </ul>	<ul><li>Saw Blades</li><li>Drill Bits</li></ul>
	Surface Finishing	<ul><li>Orbital Sander</li><li>Heat Gun</li></ul>	<ul><li>Sandpaper Sheets</li><li>Grinder Discs</li></ul>
Ŗĵ	Welding	<ul> <li>MIG Welder</li> <li>Plasma Cutter</li> <li>Air Compressor</li> <li>Welding Mask</li> <li>Welding Gloves</li> </ul>	<ul><li>Welding Wire</li><li>Plasma Cutter Consumables</li><li>Welding hammer</li></ul>
	Molding, Casting & Composites	<ul> <li>Vacuum Chamber with Pump</li> <li>Digital Bench Scales</li> </ul>	<ul> <li>Epoxy Resins</li> <li>Silicone Rubber</li> <li>Mixing Kits</li> <li>Brushes</li> <li>Rollers</li> <li>Fiberglass Mat</li> <li>Jute Fabric</li> <li>Fiberglass Work Kit</li> <li>Vacuum Bags</li> </ul>
	Printing & Graphics	<ul><li>Printing Station</li><li>Sublimation Printer</li></ul>	<ul><li>Printing Inks</li><li>Frames</li><li>Squeegees</li><li>Sublimation Inks</li><li>Flushing Liquid</li></ul>
<b>\</b>	Measurement	<ul><li>Calipers</li><li>Tape Measure</li><li>Spirit Levels</li></ul>	-
	Safety	<ul> <li>Safety Goggles</li> <li>Work Gloves</li> <li>Plastic Gloves</li> <li>Fire Blanket</li> <li>Hearing Protection</li> <li>UPS</li> </ul>	<ul><li>Zip Ties</li><li>Masking Tape</li><li>Storage Bins</li></ul>
X	Tools	<ul> <li>Tool Carts</li> <li>Hand Tools (Channel Lock Pliers, Adjustable Wrench, Steel Hammer, Rubber Mallet, Socket Wrench Set, Chisel Set, File Set, Hex Key Set, Combination Wrench Set, Box Cutter, Shears)</li> </ul>	<ul><li>Zip Ties</li><li>Masking Tape</li><li>Storage Bins</li><li>Cutter Blades</li></ul>