

FabLab

*A permanent space for learning, making,
and innovating.*

by  **INMACHINES**

What is a FabLab?

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

Why Choose a FabLab?

- Built for education, creativity, and innovation
- Ideal for schools, 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 procurement to shipping, installation, and staff training.



Consulting

Design, layout and infrastructure planning



Procurement

Reliable sourcing of machines, tools and materials



Shipping & Logistics

International delivery with safe packaging



Installation

On-site, expert-supported machine setup



Training

We train the trainers to ensure smooth operation and maintenance

All-in one solution

**Experience in international
FabLab setup**

High Quality Equipment

**Training ensures long-term
independence**

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Machines!



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FabLab Equipment

Depending on the needs, the equipment may vary

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