

Mobile FabLab

A mobile makerspace on wheels – fully equipped, flexible, and ready to go.

by  **INMACHINES**

What is a Mobile FabLab?

A **Mobile FabLab** is a fully-equipped digital fabrication lab installed in a vehicle—perfect for outreach, workshops, education, and innovation in any location.

Why Choose a Mobile FabLab?

- Bring digital fabrication anywhere
- Customize everything to your needs
- Educate, innovate, and inspire—on the move
- Professional, safe, and scalable

What's Inside?



Machines

- 3D Printer
- CNC Machine
- Laser Cutter
- Vinyl Cutter



Tools

- Hand Tool Cart
- Power Tools
- Portable Projector



Electronics

- Soldering station
- Electronics Components
- Microcontrollers



Consumables

- Vinyl Rolls
- PLA Filament
- Plywood Plates
- Acrylic Plates



Safety

- Goggles
- Gloves
- First Aid Kit
- Fire Extinguisher

Tech Support & Training

We offer optional training sessions for your staff, plus setup guides and remote support.

Vehicle Maintenance & Customization

- Full vehicle checkup & service
- Customization options:
 - New side doors and/or windows
 - Internal insulation and lighting
 - Retractable awning

Everything Inside

All machines, tools, power systems, safety gear, and consumables are part of the package—ready to use from Day 1.

Consultation Included

We support you from the start:

- Vehicle selection
- Layout planning
- Electrical setup
- Customization advice



Scan Me to find more about the InMachines!

Truck Sizes Available



3.5T Cargo Van
compact, city-friendly



7.5T Truck
more space, full workshop setup



12T+ Truck
for large-scale setups

Mobile FabLab Equipment

Depending on the truck size and needs, the equipment may vary

Digital Fabrication Machines

- OLSK Small 3D Printer
- OLSK Small CNC
- OLSK Large Laser Cutter
- OLSK Vinyl Cutter



Customizable Setup

Need more 3D printers or fewer CNC tools?
Quantities and configurations can be adapted for **your space and activities**.



Open source alternative digital fabrication machines may be used

Digital Machine Accessories & Tools

- End Mills (flat, ball, V; 3mm–12mm)
- Full Collet Set (2mm to 16mm)
- Lithium Grease
- Dust Collector
- Laser Cutter Parts: lenses, mirrors, cleaning supplies
- Extraction Fan & Ducting
- Precision End Mills (1/64–1mm)



Add even more capability:

- Portable Projector & Screen
- Drill Press
- Alarm System
- Extra laptops or tools on request

Consumables

Structured for easy restocking

- Vinyl film (several colors)
- Acrylic Sheets (several thicknesses)
- Plywood (several thicknesses)
- Cardboard
- Aluminum blocks
- HDPE blocks
- PLA filament (several colors)
- Soldering supplies (soldering wire, soldering tips)

Furniture & Storage

- Folding tables & chairs
- Shelves and stock racks
- Rolling, lockable machine bases
- Properly secured furniture for mobile use



Modular Layout

All key components are on lockable wheels—roll out your machines and rearrange your workspace in minutes!

Tools & Electronics

Hand tools, power tools, and a fully stocked electronics station:

- Tool cart with calipers, wrenches, screwdrivers, clamps, saws, etc.
- Power tools
 - cordless drills
 - grinders
 - jigsaws
 - sanders
 - circular saw
 - batteries and chargers
 - extra blades and discs
- Drill bits sets (for metal, wood, concrete)
- Electronics inventory:
 - microcontroller kits (ESP32, Arduino, Raspberry Pi)
 - copper clads, resistors, capacitors
 - soldering stations
 - multimeters
 - uninterruptible power supplies
 - soldering accessories (desoldering pumps, tweezers, silicon mats, etc.)
 - Wire tools (strippers, crimpers, shrink tubes)
- Laptops (HP 255 G9 or similar)

Safety Equipment

- Safety goggles
- Gloves
- First aid kits
- Fire extinguishers
- Dust masks + FFP3 filters
- Safety signs and Emergencies markings



Built-in Safety

Safety is a priority: every lab includes equipment, signage, and clearly marked emergency points.

Air Conditioning & Air Purification

- Full AC system
- Air purifier for clean, safe air

Power Systems

Complete internal wiring:

- 3+ circuit zones
- 12+ power sockets
- Extension cables
- Grid/generator connection ready



Off-Grid Ready

Power your lab with diesel generator, solar panels, or external sources—perfect for remote or outdoor events.

Scan Me to find
more Info about the
OLSK Machines!



Our Previous Mobile FabLabs

3.5T Cargo Van



7.5T Truck



Our Previous Mobile FabLabs

12T Truck

