



MAKERSPACE EQUIPMENT INVENTORY

Last Updated: April 17, 2025

DIGITAL FABRICATION

| Equipment | Model | Qty | Location | Status |
|-----------------------|----------------------|-----|---------------|-------------|
| 3D Printer (FDM) | Creality Ender 3 Pro | 8 | All Locations | Operational |
| 3D Printer (Resin) | Elegoo Mars 2 Pro | 3 | Lagos, Abuja | Operational |
| Industrial 3D Printer | Ultimaker S5 | 1 | Lagos | Operational |
| Laser Cutter | Glowforge Pro | 4 | All Locations | Operational |
| CNC Router | Shapeoko XXL | 3 | Lagos, PH | Operational |
| CNC Mill | Tormach PCNC 440 | 2 | Lagos | Operational |
| Vinyl Cutter | Cricut Maker 3 | 5 | All Locations | Operational |

ELECTRONICS & COMPUTING

| Equipment | Model | Qty | Location | Status |
|----------------------|---------------|-----|---------------|-------------|
| Arduino Starter Kits | Official Kit | 15 | All Locations | Operational |
| Raspberry Pi Kits | Pi 4 Model B | 12 | All Locations | Operational |
| Oscilloscopes | Rigol DS1054Z | 6 | Lagos, Abuja | Operational |
| Soldering Stations | Hakko FX888D | 10 | All Locations | Operational |

| Equipment | Model | Qty | Location | Status |
|-------------------------|----------------|-----|--------------|-------------|
| PCB Mill | Bantam Tools | 2 | Lagos | Operational |
| VR Development Stations | Oculus Quest 2 | 4 | Lagos, Abuja | Operational |

METALWORKING

| Equipment | Model | Qty | Location | Status |
|-------------------|-------------------|-----|---------------|-------------|
| MIG Welder | Lincoln Electric | 3 | Lagos, PH | Operational |
| TIG Welder | Miller Syncrowave | 2 | Lagos | Operational |
| Metal Lathe | Grizzly G0602 | 2 | Lagos | Operational |
| Metal Bandsaw | Jet JWBS-14DX | 3 | All Locations | Operational |
| Sheet Metal Brake | Tennsmith 52" | 1 | Lagos | Operational |

WOODWORKING

| Equipment | Model | Qty | Location | Status |
|--------------|-----------------|-----|---------------|-------------|
| Table Saw | SawStop PCS | 3 | All Locations | Operational |
| Band Saw | Laguna 14 | 12 | 4 | Operational |
| Planer | DeWalt DW735 | 3 | All Locations | Operational |
| Jointer | Powermatic 54HH | 2 | Lagos, Abuja | Operational |
| Router Table | Bosch RA1181 | 4 | All Locations | Operational |

TEXTILES & CRAFTS

| Equipment | Model | Qty | Location | Status |
|---------------------------|----------------|-----|---------------|-------------|
| Industrial Sewing Machine | Juki DDL-8700 | 6 | All Locations | Operational |
| Embroidery Machine | Brother PE800 | 3 | Lagos, Abuja | Operational |
| Serger | Janome 8002D | 4 | All Locations | Operational |
| Screen Printing Setup | 4-Color Manual | 2 | Lagos | Operational |
| Loom | Ashford 16" | 2 | Lagos, Abuja | Operational |

SAFETY EQUIPMENT

| Equipment | Model | Qty | Location | Status |
|------------------------|------------------|-----|---------------|-------------|
| Fire Extinguishers | Kidde Pro 210 | 15 | All Locations | Operational |
| First Aid Kits | OSHA Compliant | 12 | All Locations | Operational |
| Safety Goggles | 3M Virtua | 50 | All Locations | Operational |
| Hearing Protection | 3M Peltor | 30 | All Locations | Operational |
| Dust Collection System | Oneida Supercell | 5 | All Locations | Operational |

SPECIALTY TOOLS

| Equipment | Model | Qty | Location | Status |
|------------------|---------------------|-----|-----------|-------------|
| Vacuum Former | Formech 450DT | 1 | Lagos | Operational |
| Injection Molder | Galomb Model-B | 1 | Lagos | Operational |
| Waterjet Cutter | Wazer Desktop | 1 | Lagos | Operational |
| Plasma Cutter | Hypertherm Powermax | 2 | Lagos, PH | Operational |

| Equipment | Model | Qty | Location | Status |
|------------|---------------|-----|----------|-------------|
| Glass Kiln | Skutt GM-1414 | 1 | Abuja | Operational |

SOFTWARE AVAILABLE

- Fusion 360
- AutoCAD
- Adobe Creative Suite
- SolidWorks
- TinkerCAD
- Arduino IDE
- Cura
- LightBurn

NOTES:

1. All equipment requires safety training before use
2. Advanced tools require certification
3. Reservations recommended for high-demand equipment
4. Members get priority access to all equipment

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