

AIE STUDIOS – FABRICATION WORKSHOP

AIE Studios' fabrication workshop provides a flexible build environment for the construction of sets, props, and production elements. The space supports both traditional and digital fabrication workflows, enabling efficient production from concept through to final build.

Core Capabilities

- Set construction and assembly
 - Prop fabrication and detailing
 - Integration with robotic milling (KUKA)
 - Mixed material fabrication (foam, timber, plastics)
 - Rapid prototyping and iteration
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Production Applications

Set Construction

- Full-scale set builds
- Structural and scenic elements
- Modular construction systems

Props & Assets

- Custom prop fabrication
- Repeatable production of assets
 - Mechanical and static builds

Technical Builds

- Integration with lighting and rigging elements
 - Support structures for production
 - Custom fabrication for specialised requirements
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Workflow Integration

- Design / CAD
 - Fabrication Workshop
 - KUKA Milling (if required)

- Spray Booth & Finishing
 - Installation / On Set Use
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Workshop Facilities

- Open fabrication floor
 - Tooling and assembly areas
 - Material storage zones
 - Direct access for large set components
 - Integration with spray booth and milling areas
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Production Rentals

The workshop can be used as a build space for productions, with optional technical supervision and fabrication support available.

An MMD technician can be provided to operate and supervise workflows, ensuring safe and effective use of the workshop.

Crew requirements will depend on project scale and complexity.

Operating Requirements

- Safe work practices and supervision
 - Material supply based on production needs
 - Access planning for large builds and equipment
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Flexible Production Use

- Pre-production set builds
- Ongoing production support
- Rapid prototyping and iteration
- Integration with virtual production workflows