

CAPABILITIES | Large Format 3D Printing

Build Volume: 9m x 3m x 2m **Extrusion Rate:** 30 kg/hour

Custom Fabrication:

- Moulds and formworks with complex geometries
- Specialised tooling, jigs, and fixtures

Rapid Prototyping:

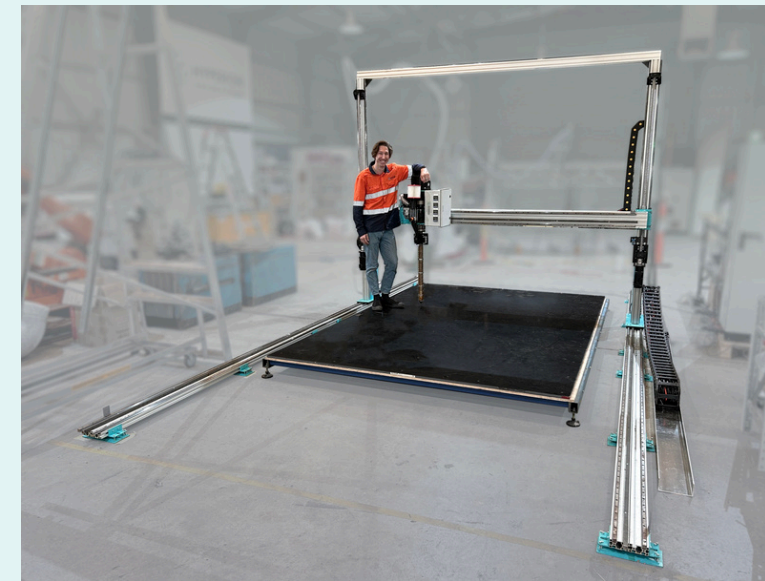
- Full-scale models for testing and validation

Post-Processing, Testing & Certification and Material Development

- In-house lab for material and mechanical testing
- Development of custom thermoplastic compounds
- Inspection reports

Machine Integration:

- Advanced multi-axis robotic systems for complex geometries
- Turnkey cells that can either be purchased or leased



KEY CUSTOMERS |

Defence and Marine Industries

- Vessel prototyping and hull fabrication
- Material testing and rapid component manufacturing

Construction Industry

- Advanced concrete formwork moulds, construction projects
- Architectural elements, facades and furniture

KEY PARTNERS |



DISCRIMINATORS |

High Scalability, Efficiency and Adaptability

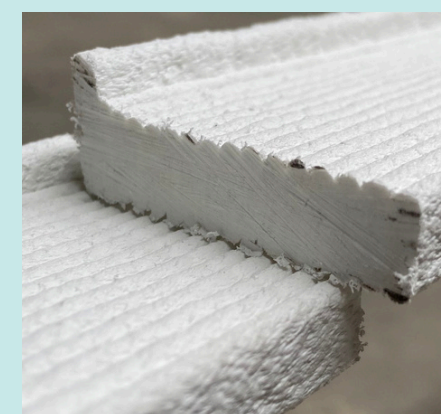
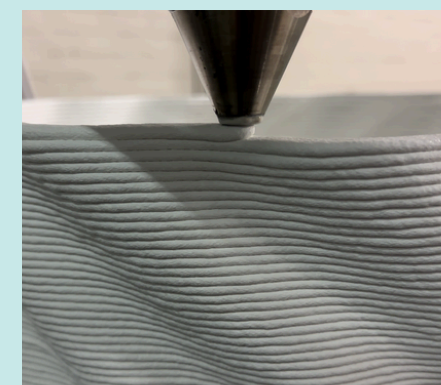
- Rapid production of custom, high-performance parts tailored to application needs
- Streamlined processes that lower labor costs without compromising quality

Material Versatility:

- Wide range of thermoplastics: PP, PE, PETG, PC, Nylon (including glass and carbon fiber-filled)

Sustainable Manufacturing:

- Can utilise recycled polymers
- In-house plastics compounding



QUALITY AND ACCREDITATION |

ISO9001:2015 Certified Materials

ISO 527-1:2019 Tensile Testing

ISO 178:2019 Flexural Testing

ISO 4892-2:2013 UV Stability Testing

UL94 for Flame Retardance Testing

ISO 179-1:2023 Impact Testing