

## 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

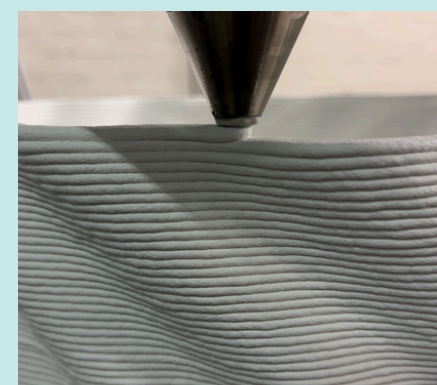
- Rapid production of custom, high-performance parts tailored to application needs
- Streamlined processes that lower labor costs without compromising quality

### 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