

PRECISION ENGINEERS WITH 5-AXIS CAPABILITY, TOOL MAKING AND JIGS & FIXTURES

# Precision Machining Specialists

Complex geometries in tight deadlines  
Jigs & fixtures  
Mould tooling



[www.langstone-engineering.co.uk](http://www.langstone-engineering.co.uk)

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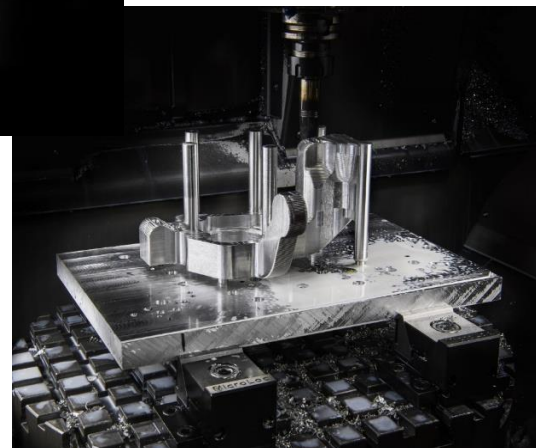
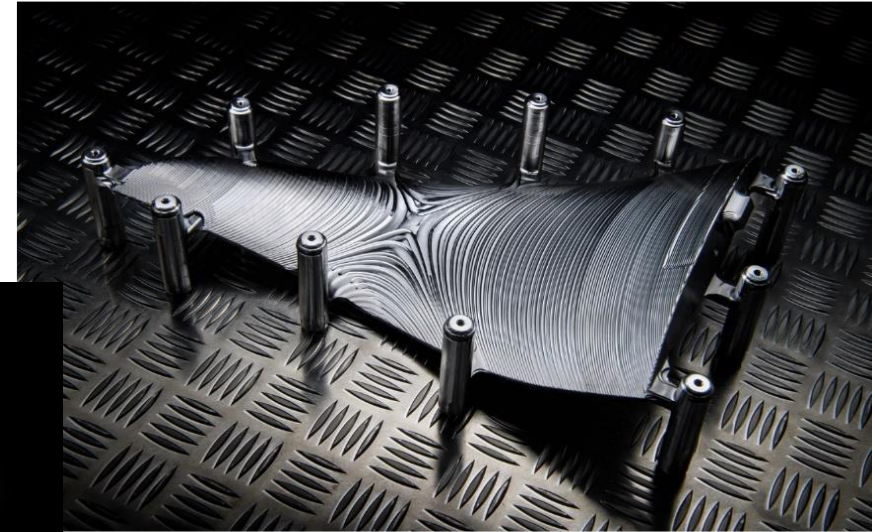
# PRECISION ENGINEERS WITH 5-AXIS CAPABILITY, TOOL MAKING AND JIGS & FIXTURES

## What We Do

We are specialists in producing precision machined parts in a range of materials, often with complex geometries within short lead times

## Markets

- Motor Sport & F1
- Aerospace
- Defence
- Oil and Gas
- Marine
- Medical Industry



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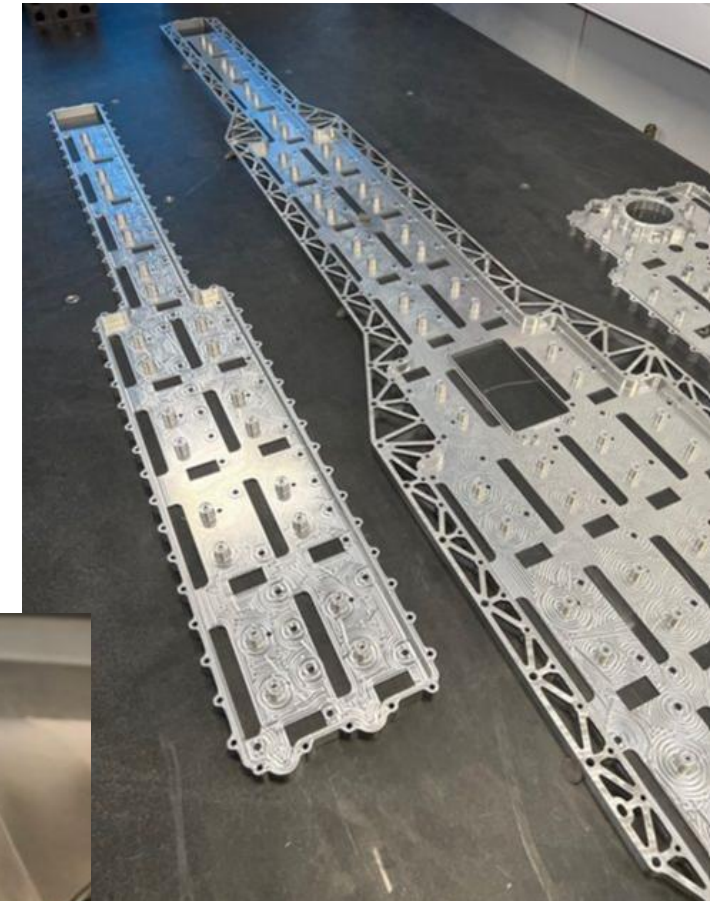
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## Precision Machined Components

We are specialists in 5-axis CNC machining, combining skilled machinists and the latest in CNC machining to produce parts many others struggle with

These include working with a range of materials including aluminium, titanium and plastics

Our customers trust us to deliver parts that are right-first-time when lead times are tight



## Fast Turnaround of Complex Parts

Besides 5-axis CNC we also have a range of 3-axis machines, EDM and turning capability

We understand our customers' need for fast turnarounds and so we carry a range of materials in stock, turn quotes quickly to deliver finished parts in short lead-times

We supply all 9 UK based F1 teams and are the first choice for critical components on Americas Cup yachts

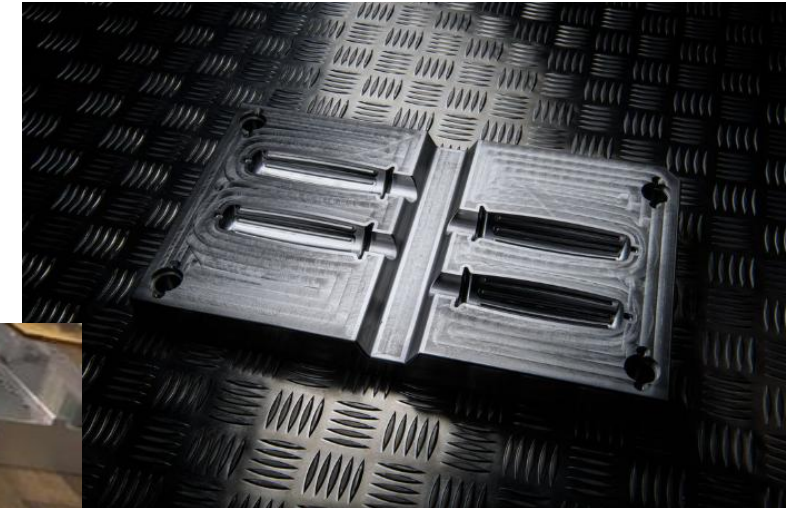


## Mould Tools

Langstone are specialists in the manufacture of compression, pressure and injection rubber mould tools

We have produced >10,000 tools ranging from 150mm<sup>2</sup> to 3.5m in length

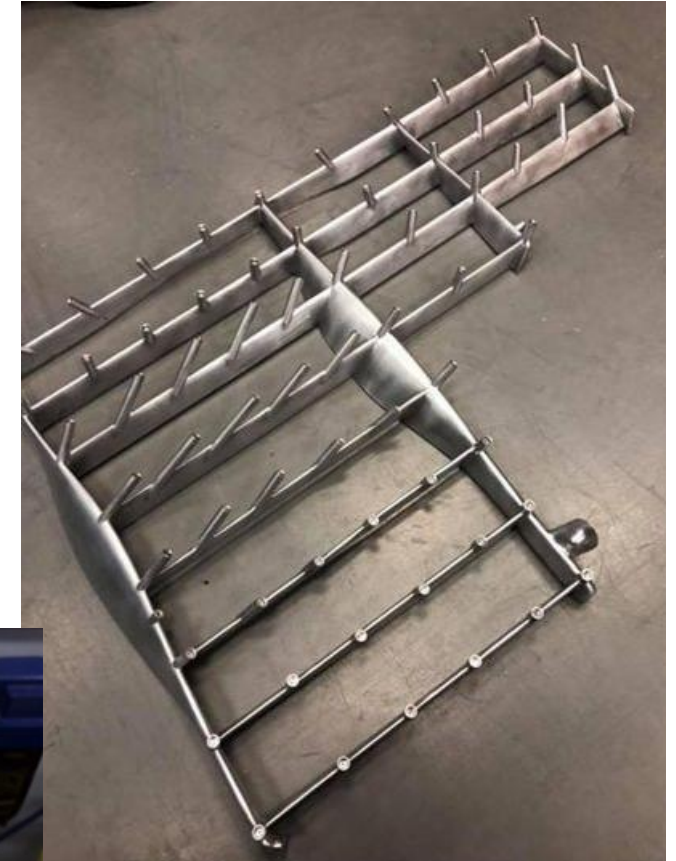
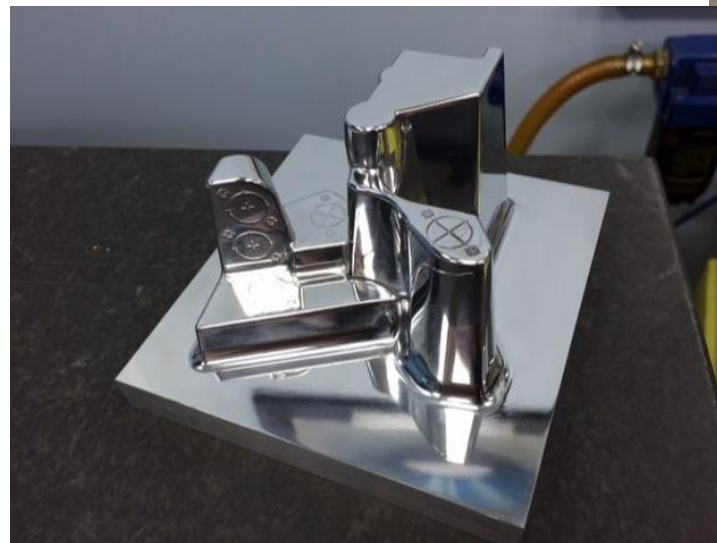
We support our customers find innovative solutions to moulding challenges



## Jigs & Fixtures

We produce a range of jigs and fixtures used to make parts and or assemble components across a range of industries

These can be used for series (volume) production as well as for prototyping purposes during the R&D phase



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## Plant List

### CNC Machine Tools

- Qty. 12 - 5-axis CNC - Max 2600 x 750mm x 800mm
- 12 Station Robot Pallet Loader
- Qty. 4 - 3-Axis CNC - Max 2500mm x 1000mm x 800mm
- Qty. 2 - CNC Turning Centres
- Qty. 4 - Bandsaws
- Qty. 2 - EDM machines

### Inspection

- 3m. Quantum CNC & B&S Deamistral CMM
- Qty 2 - Hexagon Romer Arm



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## Why Our Customers Choose Us:

Rapid response capability

Combination of skilled engineers with 5-axis machining capability

Team of experienced toolmakers

Range of materials we work in covers aluminium, titanium, steels and plastics

Expertise – we apply design for manufacturing to help reduce lead times and minimise costs where possible

In-house inspection to ensure parts conform to requirements before they leave us



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*"Please can you pass on my thanks to the wider team at Langstone. And beyond your staff themselves, please can I also thank their families for the nights shifts and weekend work the shopfloor does for us.*

*I know that when I send you complex parts with very short lead times, I can rely on Langstone to deliver on time and correct to drawing. Every part you deliver to us makes a difference to the on-car performance and without your support we couldn't go racing. "*

Buyer – Motorsport industry

*"Wanted to say a massive thank-you for the hard work with the latest tools. It was paramount to us as a business to get these out the door today, and we successfully produced the 40 off required.*

*Thanks once again for making this happen, I know it was no easy feat and a lot of people were involved, please pass on my thanks to everyone involved!"*

Engineering Manager – Seal Industry

*"The quality of your tools is second to none ..."*

*"The design concepts and solutions you put forward are very clever ..."*

Application Engineer – Seal industry

*"Tools supplied are one of the best we've seen ..."*

*You can instantly recognise a (quality) Langstone tool by the quality of the exterior, feel of the tool and the general aesthetics ..."*

Designer – Seals industry

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## Precision Engineering Solutions (PES) Group

Langstone Engineering is part of the PES Group together with our sister company, Precision Technologies International (PTI). Our group core values are:

**Collaboration** • **Expertise** • **Integrity**

PTI specialise in manufacturing high precision ground gears, splines and threaded rotary components for engineering projects where performance and reliability are needed, especially where there is a high risk of consequence

More details on their capabilities can be found at:

[www.precisiontechnologies.co.uk](http://www.precisiontechnologies.co.uk)

E; [sales@precisiontechnologies.co.uk](mailto:sales@precisiontechnologies.co.uk)

Tel: 01827 315050



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***‘We look forward to  
working with you’***



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