



CNC Machining Capability

At Sylatech we have a comprehensive CNC machining facility with an in-house team of skilled programmers and operators.

Our AS9100 certification allows us to be a key supplier to the Space, Aerospace and Defence Industries and other sectors requiring precision machining solutions.

In close association with FANUC our machining capability is developing integrated robotic CNC machining. This affords Sylatech a 24 hour machining capacity.

Sylatech offers our customers a quality-led, cost-effective precision machining solution within a matter of days.

Sylatech's CNC Machining Solution

Our CNC machining capability

- ▶ Nine 4-axis and one 5-axis FANUC 24,000 rpm Robodrill machining centres
- ▶ 4 x CNC Mazaks
- ▶ 3 x CNC lathes
- ▶ Wire & CNC EDM
- ▶ 2 x CMM

Certified to AS9100

- ▶ Quality led delivery
- ▶ Full material traceability
- ▶ Customer satisfaction a key priority
- ▶ KPI performance an imperative
- ▶ Customer communication focussed

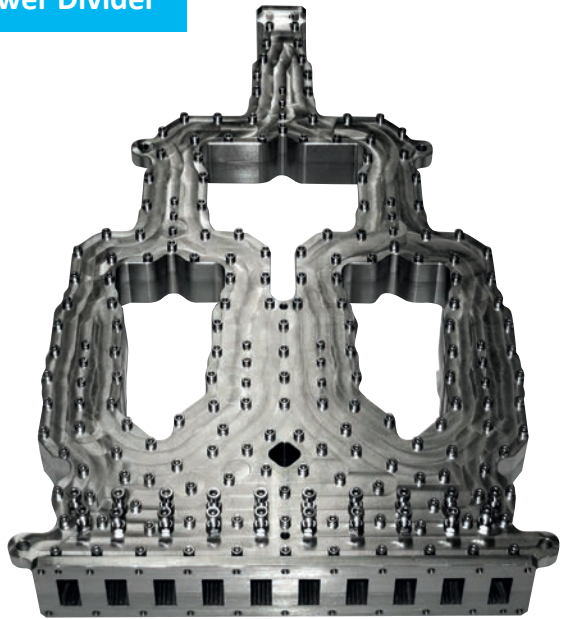
Customer Benefits

- ▶ Access to highly qualified mechanical and electrical microwave engineers
- ▶ Comprehensive design & manufacture capability
- ▶ Full electrical testing
- ▶ One-stop manufacturing partner affording supplier consolidation
- ▶ AS9100 certified

- > Highly skilled team of programmers utilising Solidworks and MasterCam
- > Fully integrated Renishaw Probing Systems across all Fanuc Robodrills
- > Optimisation of design through RF simulation software CST



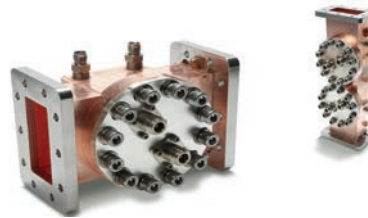
Power Divider



Waveguide Bends/Mitres



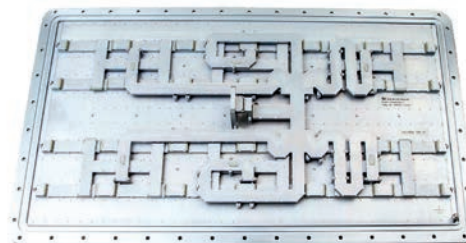
Loop Coupler



Power Combiner



Slotted Array Antenna



Typical Machined Components

POWER DIVIDERS/COMBINERS

SLOTTED ARRAY ANTENNA

MONPULSE COMPARATORS

BODY & LIDS

HEAT SHIELDS

HOUSINGS

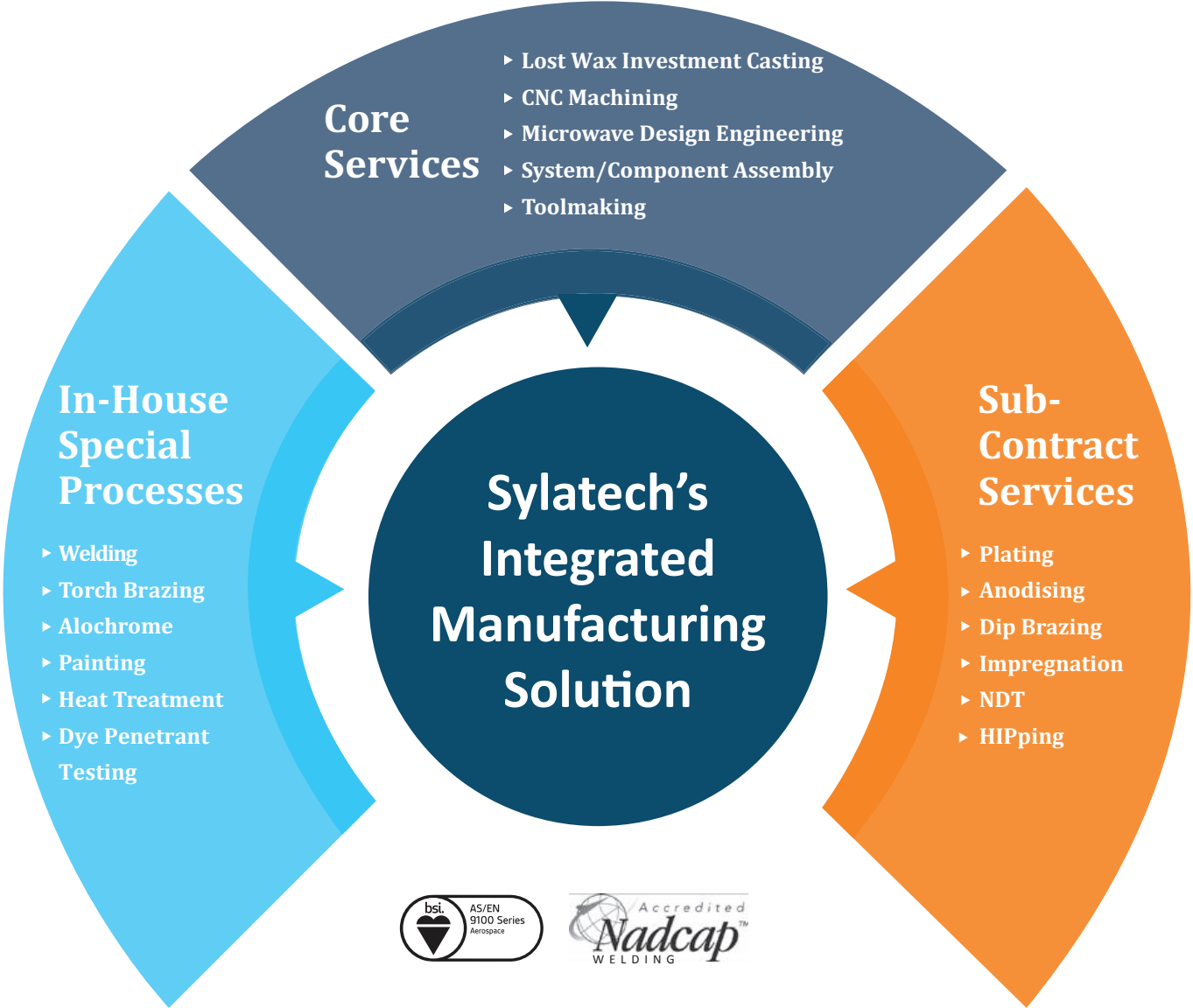
TRANSITIONS

COUPLERS

TWISTS

TEES

Sylatech's Wider Capability Extends Beyond CNC Machining



Core Sectors

- > Aerospace
- > Defence
- > Space
- > Sat Comm
- > Scientific & Research
- > Medical





Which Solution Fits Your Requirement?

TYPICAL PART VOLUMES

**INVESTMENT
CASTING**
50 - 100,000 Components

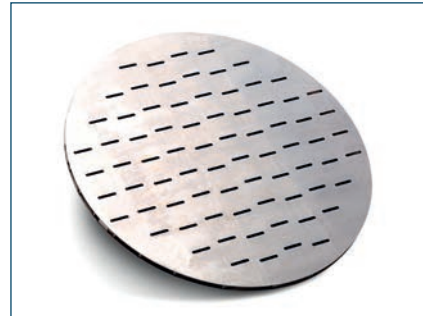
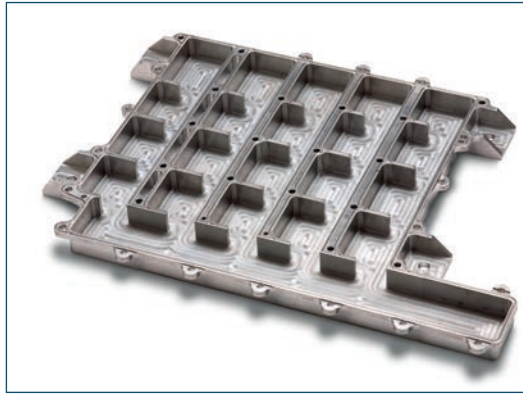
High

CNC MACHINING
10 - 10,000 Components

Medium

3D Printing
1 - 50 Components

Low



Engineering your future



Kirkdale Road,
Kirkbymoorside, YO62 6PX
E: info@sylatech.com
T: +44 (0) 1751 432 355
www.sylatech.com