



2024 Edition



DISCOVER >>

“THROUGH DEDICATED CUSTOMER FOCUS,”

EXECUTIVE SUMMARY

G.K.M (Aerospace) Ltd specialise in Business-to-Business Manufacturing, supplying turnkey solutions to leading OEM's and tiered suppliers based on the latest technology. Utilizing state-of-the-art software and machinery, operating a multi shift capacity facility, ensuring production quantity manufacturing is delivered on time, every time. G.K.M also undertake R&D/proof of concept manufacturing ensuring all customer requirements are achieved.

Our mission is to provide leading OEM's and tiered suppliers with the finished components required at extremely high levels of quality.

Based in Essex, with great transport links to the M25, M11, A14 and M3 allowing for both local, national and international distribution.



BUSINESS OVERVIEW

GKM (Aerospace) Ltd holds over 40 years' experience supplying Primes/Tier 1's within the aerospace, defence and communications sectors - GKM proudly acclaim to be the foremost company for precision engineering within these sectors. With low staff turnover, our highly skilled and dedicated workforce ensure customer requirements, however intricate or complex, are met from the outset.

GKM (Aerospace) Ltd have the capability to transform the most complex engineering drawings and models into flawless precision components utilizing our in-house CAD/CAM software department. Offering a flexible approach in assisting multiple industries requiring the uppermost level of precision and accuracy using a range of materials including composites, aluminium, steel, invar, castings, titanium and other exotics.

- ESTABLISHED IN 1979
- OVER 40 YEARS EXPERIENCE
- 15,000 SQ. FT. STATE OF THE ART FACILITIES
- HIGHLY SKILLED STAFF MEMBERS
- CAPACITY FOR MULTIPLE SHIFTS
- THE LATEST PRODUCTION TECHNOLOGY
- SUPPLYING MAJOR AEROSPACE COMPANIES
- COMMERCIAL AIRCRAFT, SPACECRAFT, DEFENCE

ACCREDITATIONS

- BSI EN 9100 - 2018 & ISO 9001-2015:FM11462
- BOMBARDIER APPROVAL: SB/VC/332
- BAE SYSTEM CERTIFICATE: BAE/AG/10758/MAA
- AIRBUS UK APPROVAL: AUK/SA/10070



ORGANISATION STRUCTURE

GKM (Aerospace) Ltd have a team of highly skilled engineers with a vast experience within the Aerospace and defence sector, each member playing an intrinsic role within the company forming its continued success and development.

We undertake collaborative working to enhance productivity, ensuring lean manufacturing and competitive pricing without diminished quality.

JODIE TERRY
PA/ACCOUNTS MANAGER

OANA TURCU
OPERATIONS MANAGER

JASON KEITH
MACHINE SHOP SUPERVISOR

19 x CNC
Machining
Centre's

ALLEN KNIFE
MANAGING DIRECTOR

ALAN EAGLESTONE
ENGINEERING AND TECHNICAL MANAGER

RYAN NASH
CAD/CAM PROGRAMMER

ROBERT BENNETT
QUALITY-HSE MANAGER

JAY WILMOT
CHIEF INSPECTOR

INSPECTION
DEPARTMENT



ENSURE LONG TERM SUSTAINABLE
GROWTH IN REVENUE AND EXPAND
PRODUCTION OUTPUT OVER
MULTIPLE SECTORS



VISION

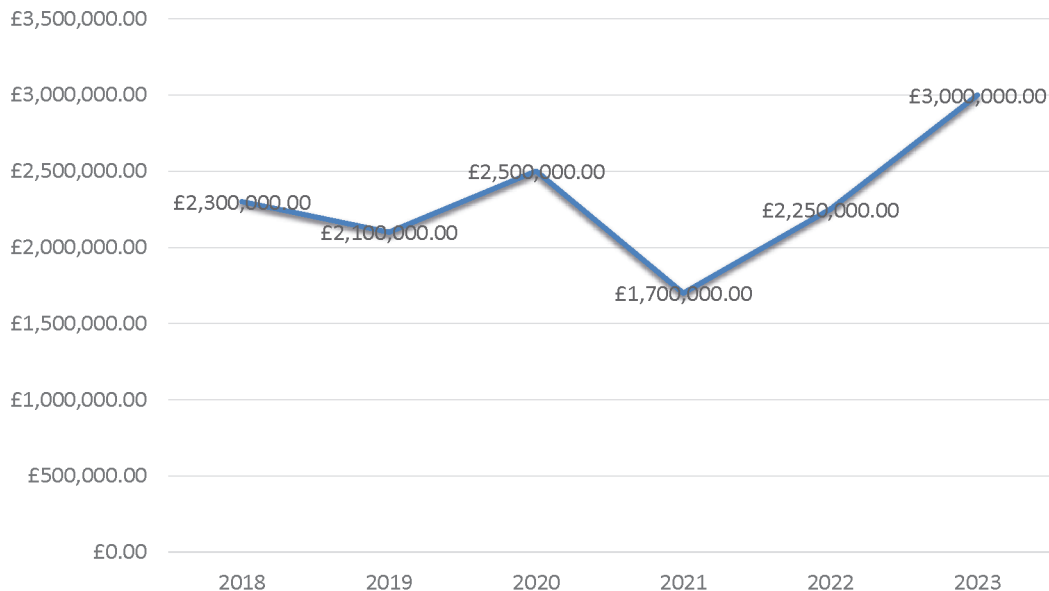
To be the supplier of choice for precision engineered components to the primes of manufacturing.

To be driven by following a strict code of conduct based on the following 6 business attributes:

- Fundamental understanding of interested parties' requirements.
- Maintaining exceptional performance in Quality, Cost and Delivery.
- Understanding internal and external issues that may impact our interested parties.
- Strategically investing into the business based on key performance indicators.
- Creating an environment that promotes outstanding health, safety and mental wellbeing for our staff.
- Implement a risk-based methodology to all processes and procedures to remove or reduce risk.



GKM Annual Turnover



TURNOVER

GKM Aerospace Ltd managed to maintain a stable level of turnover through the pandemic due to the strategic investment and the diversity of our customer base.

Now we are through the pandemic, GKM are predicting a fairly consistent increase in turnover over the next few years.

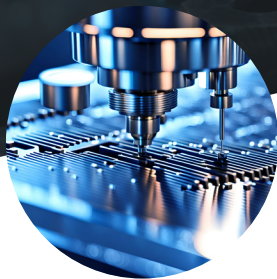


CAPABILITIES



CNC TURNING

Our Turning capabilities range from 1mm - 470mm diameters, with the ability to operate to micro tolerances. Turning packages from 1 off bespoke and prototype parts to large barfeed production batches, specialising in machining a variety of exotic materials, as well as all other aerospace and commercial materials.



CNC MILLING

From basic 3 axis, completely through to complex 5 axis simultaneous CNC Milling, GKM Aerospace have the knowledge, experience and capabilities to produce high quality machined components. New investment has widened our scope of manufacture, allowing GKM Aerospace to offer envelope sizes up to 3200 x 2000mm in both 3 and 5 axis.



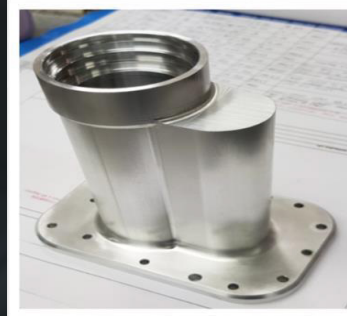
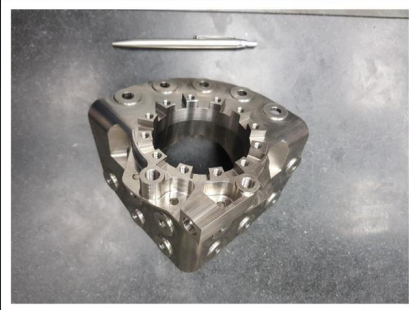
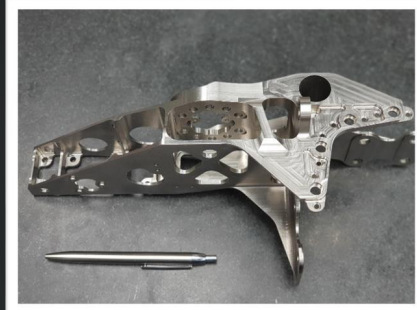
CAD/CAM

GKM Aerospace Ltd have a dedicated CAD/CAM department utilising the latest HyperMill software, allowing us to work with multiple model formats for offline programming of complex 3 and 5 axis components.

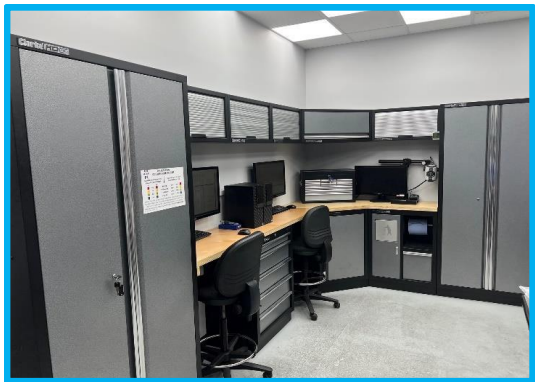


INSPECTION

GKM Aerospace Ltd uses the latest CMM software to generate automated programs to inspect customer components to a high degree of accuracy, with a measurement envelope up to 3000 x 2000mm. Our skilled Inspection team is capable of measuring and reporting to an AS9102 rev C standard with customisable reporting to a format of your choice.



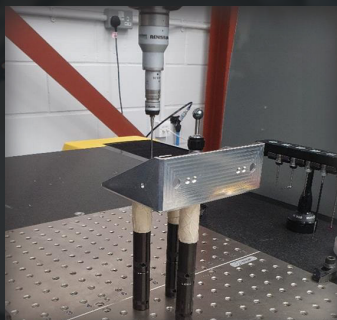
 **GKMAEROSPACE**
INNOVATION • QUALITY • PRECISION



NEW INSPECTION DEPARTMENT

In 2022 GKM Invested in a new inspection department with one of the largest CMM's in the UK. This enables GKM to inspect in house our largest parts being manufactured on our new 5 Axis 3.2MTR machine.

This all new inspection department is temperature controlled holding $20^{\circ} \pm 2^{\circ}$.





EQUIPMENT/PLANT LIST

Investments of over £2m in equipment and facility upgrades from 2016 - 2022 have allowed G.K.M (Aerospace) Ltd to stay ahead of the manufacturing curve, allowing for adaptation of new programs and machining techniques, ongoing re-investment into machinery and development projects are a key driver in the success of G.K.M (Aerospace) Ltd.

Resource ID

Traverse / X Y Axis

Inspection

CMM Saphir

CMM Global

CMM WENZELH2015

1000mm x 1000mm x 600mm

700mm x 700mm x 700mm

3000mm x 2000mm x 1500mm

5 AXIS CNC Mills

HURCO DCX32-5Si (5 Axis)

X 3200mm

Y 2000mm

HURCO DCX32-5Si (5 Axis)

X 3200mm

Y 2000mm

HAAS VF2SS (5Axis)

X 760mm

Y 400mm

HAAS VF2TR (5Axis)

X 760mm

Y 400mm

HAAS VF5-1300x600 (5 Axis)

X 1300mm

Y 660mm

HAAS VF9-2130x1000 (5 Axis)

X 2130mm

Y 1000mm

HURCO VM1OU (5 Axis)

X 533mm

Y 400mm

HURCO VMX 30Ui (5 Axis)

X 760mm

Y 500mm

CNC Mills

Dugard Eagle - 660x400 (FANUC)

X 660mm

Y 400mm

Dugard Bridgemill - 2200x1500 (FANUC)

X 2200mm

Y 1500mm

Dugard HD2210

X 2200mm

Y 1000mm

Dugard Eagle - 850x500 (FANUC)

X 850mm

Y 500mm

HAAS VF4-1300x500 (FANUC)

X 1300mm

Y 500mm

Turning And Manual

Dugard Eagle 100 (Barfeed Short)

Dugard Eagle 100 (Barfeed Short)

Dugard Eagle 30

Grinding (Surface)

Hyundai SKT 21 LMS Multi Axis

Hyundai SKT

Manual Mill-850x350

OUR CUSTOMERS

For over 40 years G.K.M (Aerospace) Ltd have developed strategic partners with leading OEM's and tiered suppliers within the Aerospace, Space, Defence and Communication sectors.

Continual learning and collaboration has provided cost reductions, heightened service levels and reductions within lead time.



中航沈飞股份有限公司
AVIC SHENYANG AIRCRAFT COMPANY LIMITED



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BAE SYSTEMS



We thank you for your interest.

GET IN TOUCH

For more information or to discuss your next project, please contact one of the GKM (Aerospace) Ltd team.
Alternatively connect on LinkedIn and see all our developments.

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