



precision engineering excellence



SAAB's Gripen Eurofighter



Liquid cooled radar plank -
SAAB Gripen



Cockpit box -
Eurofighter Typhoon



Captor cassette -
Eurofighter Typhoon



exact precision and control

Ipeco operates world class manufacturing facilities which already provide a wide range of precision engineering services for global OEMs and other specialist customers seeking complete turn-key solutions. Utilising comprehensive in-house design and planning resources, Ipeco is able to produce lightweight complex aluminium structures for applications across aerospace, defence and other specialist markets.

Efficient design and manufacture

Salt bath brazing capability

State-of-the-art manufacturing processes

First class quality and integral products

On-going innovation and investment



a world leader in the
global crew seat market



complete electronic
power management
solutions

a growing presence
in executive seating
and galley inserts



world class precision
engineering and
composite manufacturing
capabilities



award winning
innovation

our pedigree

Founded in 1960, Ipeco Holdings Limited is now in its third generation of family ownership. During this time the Company has continued to develop valuable long-term relationships with customers and suppliers. Underlying this is a determination by Ipeco to invest, train, and coach its employees to cultivate a high level of opportunity, integrity and performance throughout the business.

Ipeco provides the infrastructure, management and vision to deliver excellence. It is a socially responsible organisation with exceptional health, safety and environmental practices. Ipeco is resolute in its ambition to be an outstanding employer of choice and a company that customers want to do business with.

"Ipeco is defined by quality and sustained by investment in skills, expertise and plant. We have one of the most comprehensive machining facilities in Europe and will design, manufacture and project manage your bespoke programme from start to finish."

Paul Gibson, Business Development Manager

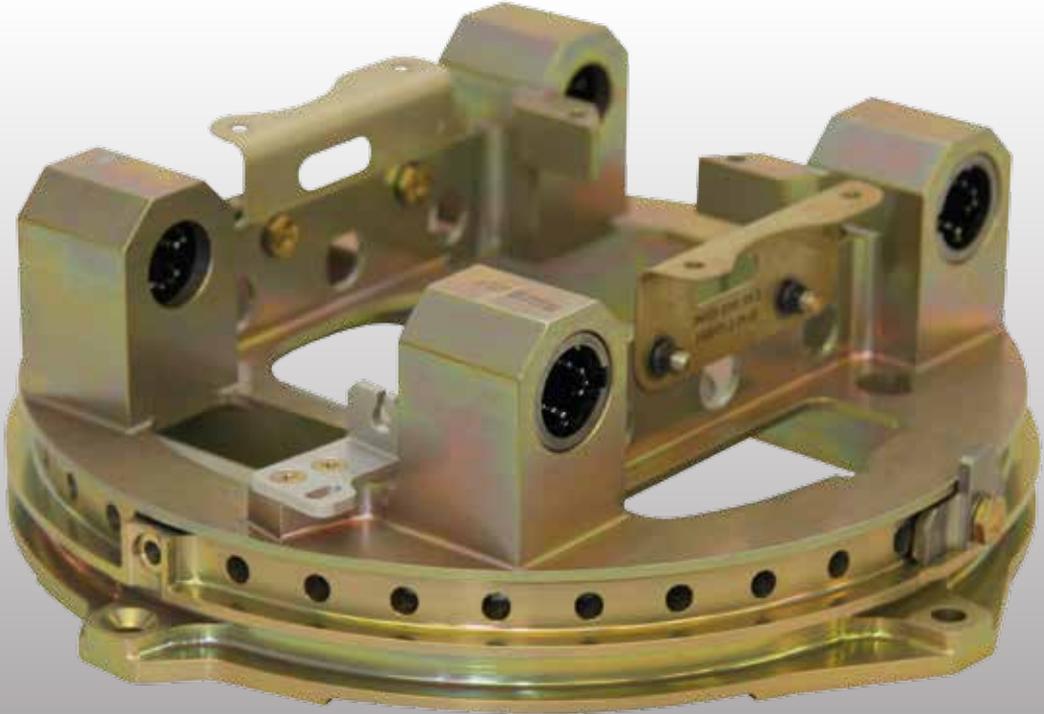


above and beyond

Electronic cooling systems
for HMS Ambush



design and manufacture for demanding applications



Precision machined component with mechanical assembly

Ipeco continues to invest in its state-of-the-art manufacturing capabilities, further developing its wide range of systems, processes and equipment. With a design engineering team of over one hundred specialists Ipeco works closely with leading OEMs on a range of major civil and military equipment including complex, lightweight and ruggedized high-performance equipment for the harshest global environments and situations. Total control throughout all production processes enables Ipeco to deliver quality products on time at competitive prices.

It is this guarantee that reassures prime contractors such as Leonardo, Thales, BAE Systems and GE Aviation – who outsource integral components to Ipeco for incorporation into their sophisticated and complex products.

Ipeco has developed many lightweight robust products to meet technical challenges. Working across a variety of platforms, Ipeco provides customers with cost, weight and quality advantages, from cockpit instrument panels to radar antennae in the air, at sea and on the ground.

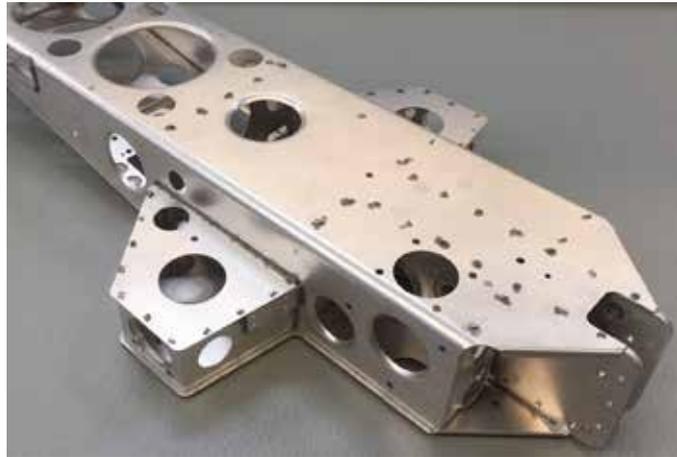
These capabilities sit alongside our serial production crew seating and galley insert products, offering all the stringent quality controls and economies of scale necessary to meet such special requirements.

An equally important part of our services is the re-design of existing products and ongoing support for legacy systems to help counter obsolescence. This is particularly relevant to the aerospace and defence sector, where robust analogue technology across air, land and sea applications is still commonplace.

specialist processes for discerning customers



Breakdown of components for dip brazing assembly



Lightweight dip-brazed structure for the aerospace industry

Lightweight complex structures

EMI/RFI sealed

Total conductivity

High strength and low distortion

Competitively priced small batch runs

Cost-effective modification solutions

Anodise, paint, electro-less nickel
and chromate finishes

salt bath brazing

Ipeco operates one of the most comprehensive salt bath brazing facilities in Europe. With more than 30 years of experience Ipeco offers cost-efficient and lightweight alternatives to complex castings, welded fabrications and heavy machined components. High integrity products manufactured by the salt bath brazing method offer continuous impermeable joints for EMI and RFI shielded applications. Products include cold walls, chassis, antennae, heat exchangers, wave guides, plenums and ducts.

our processes and plant



Electrical assembly of galley insert components



High speed machining centre



Design
 Machining
 Mechanical assembly
 Welding
 Laser welding
 Salt bath brazing
 Finishing
 Testing



Manufacturing



a world class facility

Ipeco operates from a comprehensive facility adjacent to London Southend Airport in the United Kingdom. The site spans over 250,000 ft² across seven environmentally compliant and energy efficient buildings where skilled technicians and engineers work to lean manufacturing processes and stringent quality controls to deliver precision excellence.

Ipeco continues to invest in capabilities and infrastructure across the site and has exciting plans to further develop its UK manufacturing base in the near future.

From award-winning aircraft crew and executive passenger seating, to innovation in galley inserts, to bespoke composite structures and optimised power management solutions – our collaborative approach is always focused on best-in-class solutions.



Precision components for
specialist enclosures

machining capabilities

With over fifty years of machining and fabrication expertise, Ipeco has one of the foremost manufacturing capabilities in the UK and currently produces more than 100,000 components per week. The diverse and flexible plant can be adapted quickly to meet customers' changing and complex demands. Skilled engineers undertake a wide range of mechanical work on an increasing portfolio of products with varied applications.

Ipeco is able to combine its brazing capability with a significant CNC precision machining operation comprising over 125 machines, including fine limit sheet metalwork for a variety of materials and gauges. Ipeco also offers services across mechanical assembly, halide, pressure testing, endurance, cycle and environmental testing, heat treatment, plating, paint finish, and silk screen printing.

Ipeco.com

Over 125 state-of-the-art
machine centres

More than 40 fabrication
machine centres

Tig, Mig and CNC laser welding

Surtex 650 and
Alocrom 1200 finishing

Halide pressure and
thermal testing

“Our reputation for reliability across an ever-growing range of components and assemblies for commercial and military applications, means that it’s vital we keep a stringent check on quality every step of the way. Everything we do is certified to AS9100C. Quality, on time delivery and cost control are fundamental to the way we work at Ipeco.”
Mark Cossar, Business Development Manager



EN9100:2009

AS9100C

JISQ 9100:2009

ISO9001:2008

Nadcap Welding

quality management and inspection

Ipeco has robust quality procedures. Our quality management team verifies the formats, processes and techniques which are used to develop every product. Controlling the quality of products identifies potential sources of defects immediately, improving productivity, reducing re-work and eliminating waste.

Our aim is complete customer satisfaction.

Health and safety are important elements in our workplace. All engineers and technicians are trained extensively in the use of equipment and materials during the manufacturing process.



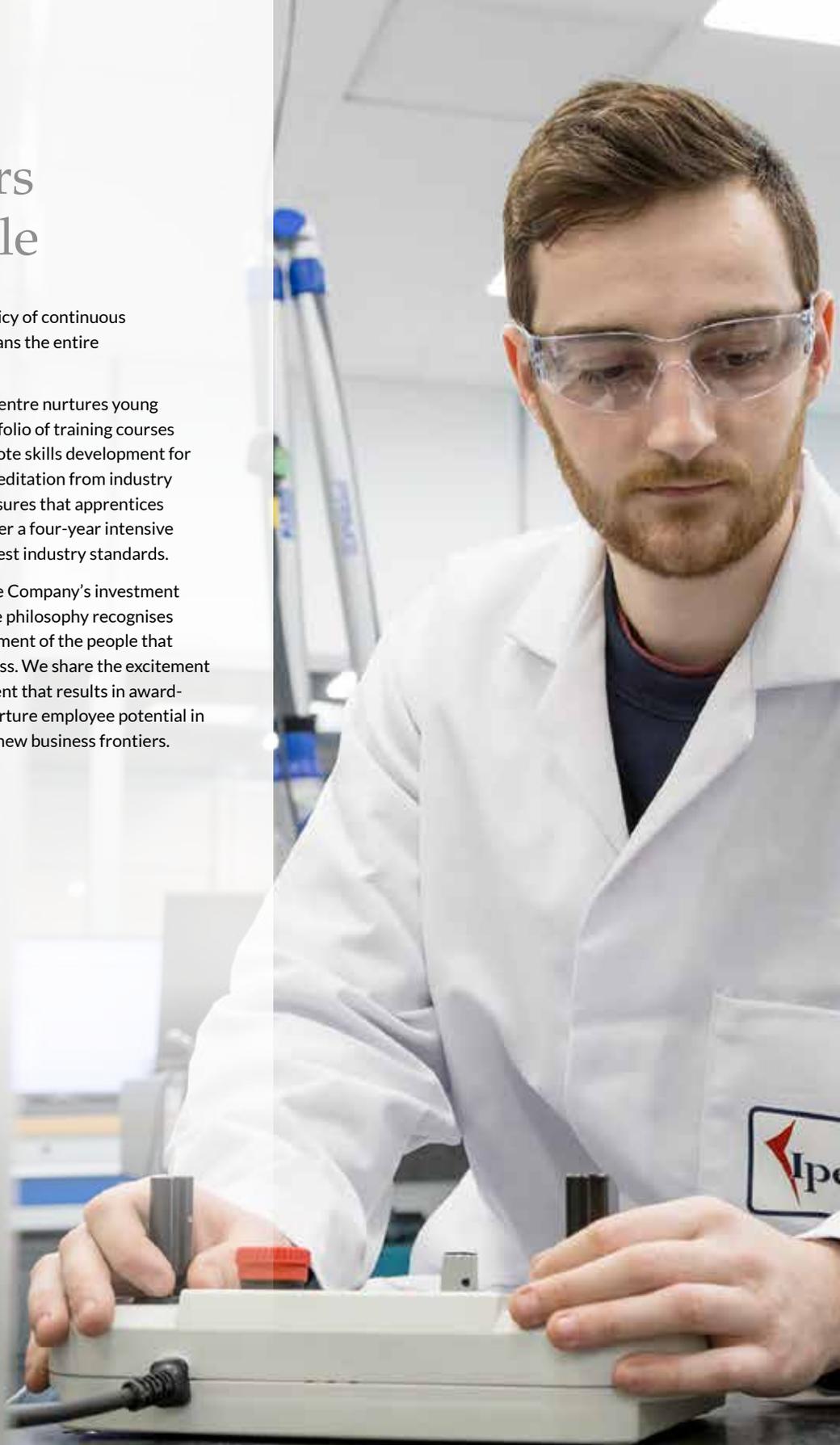
Specialist chassis for military application

investors in people

The Company has a policy of continuous improvement which spans the entire organisation globally.

Our in-house training centre nurtures young talent and offers a portfolio of training courses and e-learning to promote skills development for all employees. Full accreditation from industry examination boards ensures that apprentices are trained in-house over a four-year intensive programme to the highest industry standards.

Underpinning this is the Company's investment in people. A group-wide philosophy recognises the loyalty and commitment of the people that contribute to our success. We share the excitement and sense of achievement that results in award-winning designs and nurture employee potential in readiness to challenge new business frontiers.





High precision
inspection process of
electronics enclosure

looking ahead

Ipeco is at the forefront of new ideas and inspirational products that will change the way that industry works. Its design technicians and engineers work with leading global organisations to determine the best way to manufacture robust, safe and trusted components and finished assemblies.

To find out more visit
Ipeco.com





Component parts for missile and
radar systems used by the Royal Navy
on Type 23 Frigates



Manufacturing • Distribution • MRO

Ipeco Holdings Limited
Aviation Way
Southend on Sea
SS2 6UN United Kingdom
t: +44 1702 545118
e: enquiries@ipeco.com
w: ipeco.com