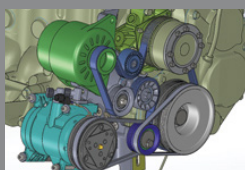
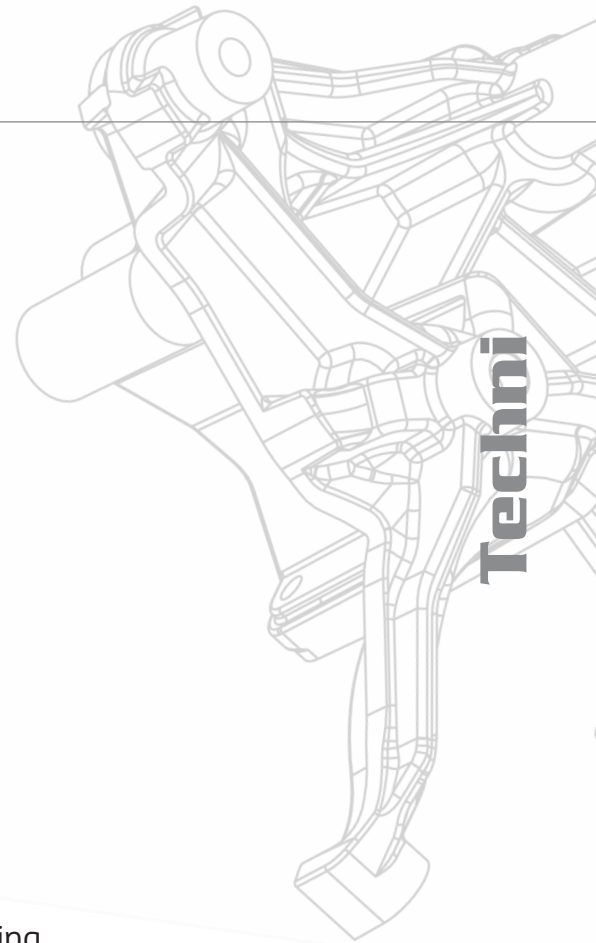


Techni





Mount & drive solutions,
power generation, air conditioning,
refrigeration, compressed air, CNC machining

05	Techni/Overview
07	Techni/Design Process
09	Techni/Design Validation
11	Techni/Manufacturing
13	Techni/Quality
15	Techni Systems/Compressed Air
17	Techni/Locations

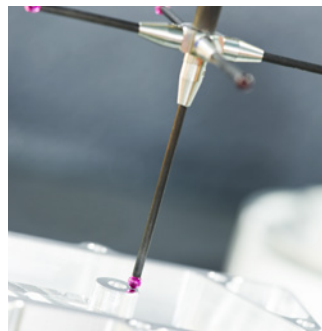
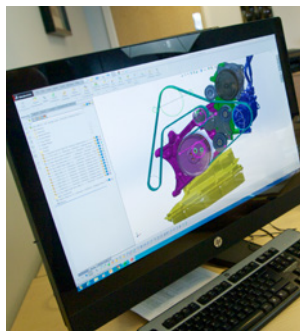
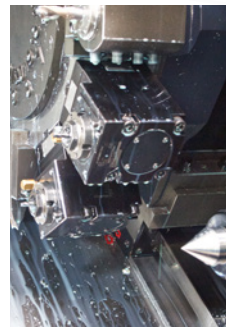


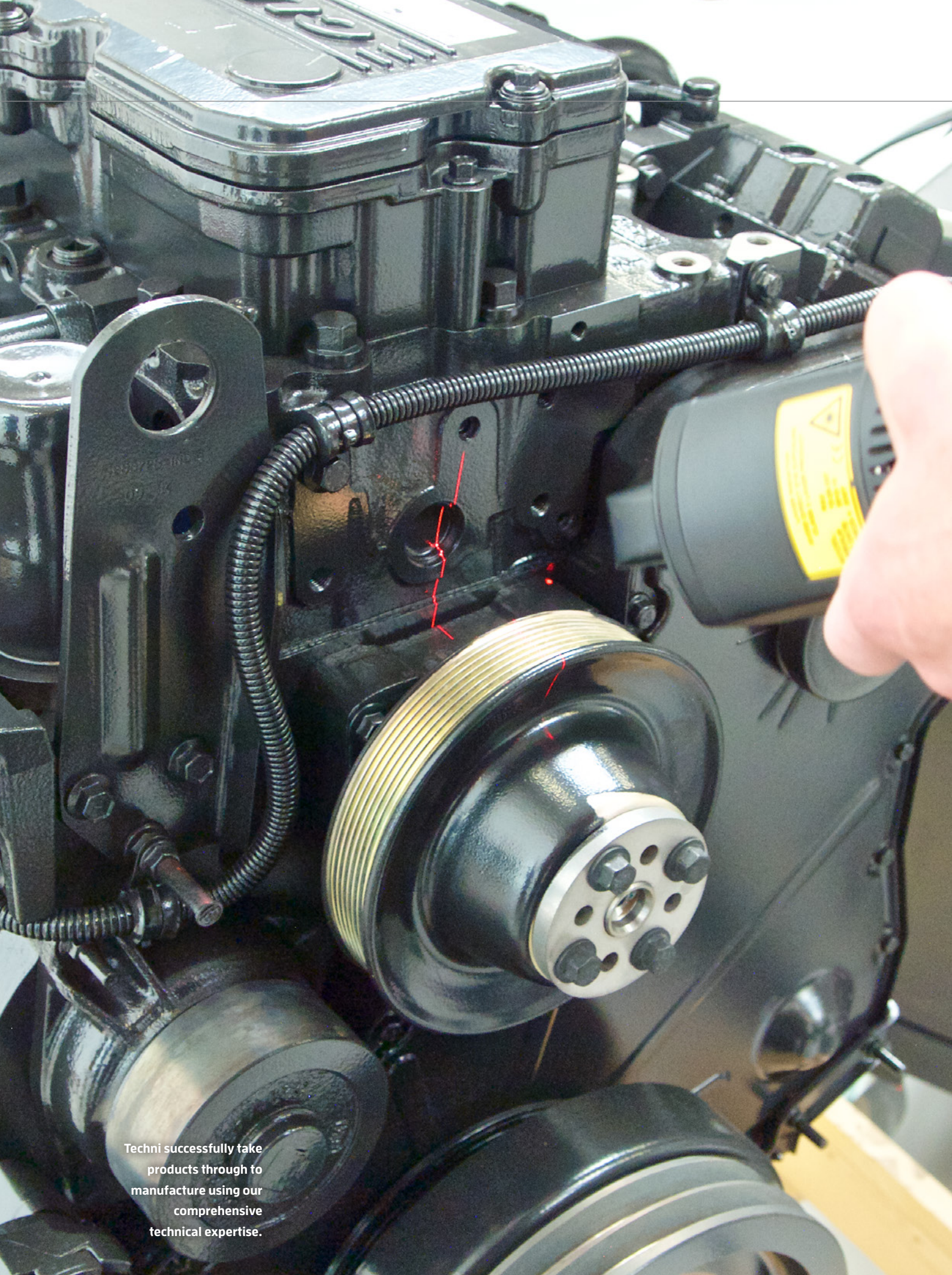
Market Leaders in the design and manufacture of cast Mount & Drive Solutions for the mobile transport industries.

Over 80 years collective knowledge of our engineers allows us to efficiently provide superior design, analysis and engineering mount & drive solutions. Precision is the most important principle on which Techni was founded. Attention to detail in strong design, analysis and engineering services are paramount.

Achieving synergy between the critical elements of hardware and software product development life cycles and practical hands-on expertise. Our rapid growth is a direct result of our extensive array of expertise, unique skills and experience combined to meet the technological challenges of tomorrow.

Techni continually succeeds in bringing innovative design and engineering to products for clients large and small.





Techni successfully take products through to manufacture using our comprehensive technical expertise.

Techni goes from concept to virtual prototype faster than you ever thought possible with the desired quality utilising the latest technology.

Data acquisition

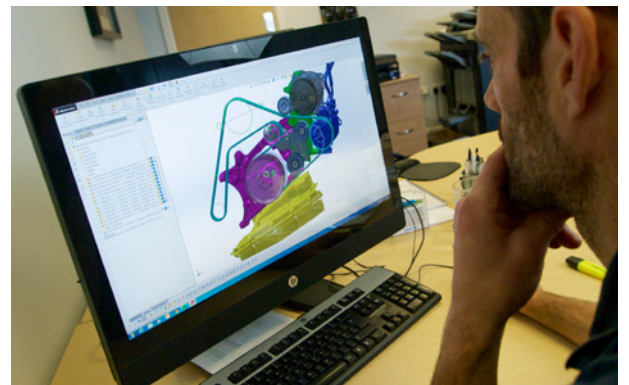
Accurate physical measurement, coupled with the foundation of the design process.

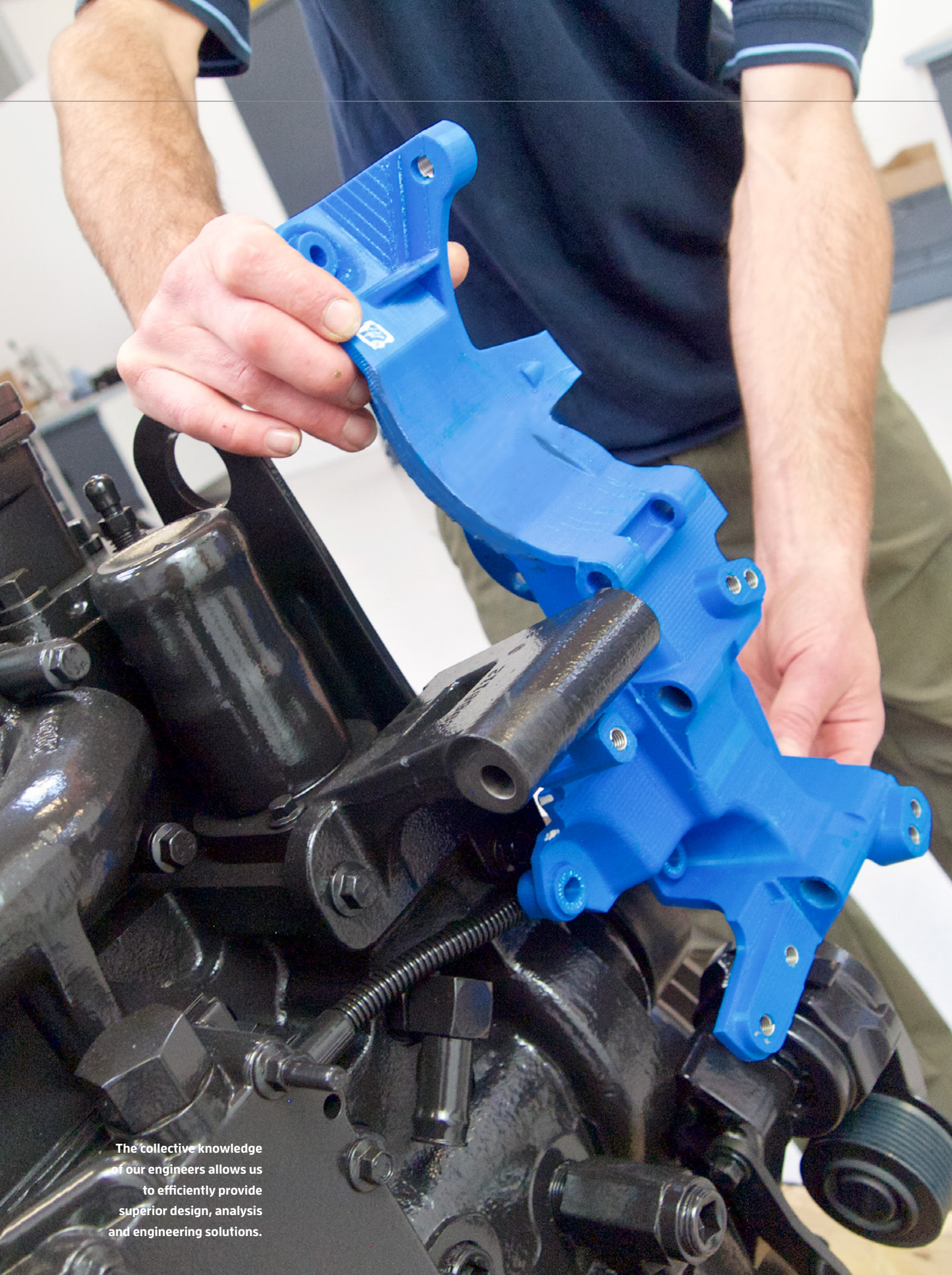
Techni has invested in the world's first portable measuring arm with fully integrated and certified laser scanning system, our 7-axis arm is designed for the high performance laser scanning and data acquisition.



3D CAD

Techni rely on Solidworks 3D parametric computer aided design (CAD) system, utilising the software throughout the process from 3D CAD modelling through to CNC machining allowing for the production of high quality goods in a greatly reduced lead time.



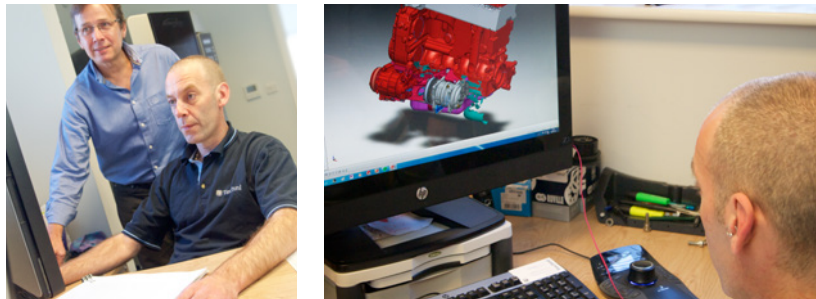


The collective knowledge
of our engineers allows us
to efficiently provide
superior design, analysis
and engineering solutions.

With powerful design validation tools Techni subjects its designs to the same conditions that are experienced in the real world.

FEA - Validation

Utilising one of the most sophisticated Finite Element Analysis (FEA) packages, design validation allows Techni to compare different designs. By applying loads we can replicate the stresses experienced during the life of the component, identifying any areas that exceed the maximum design stress, ensuring BIO life time and trouble free service.



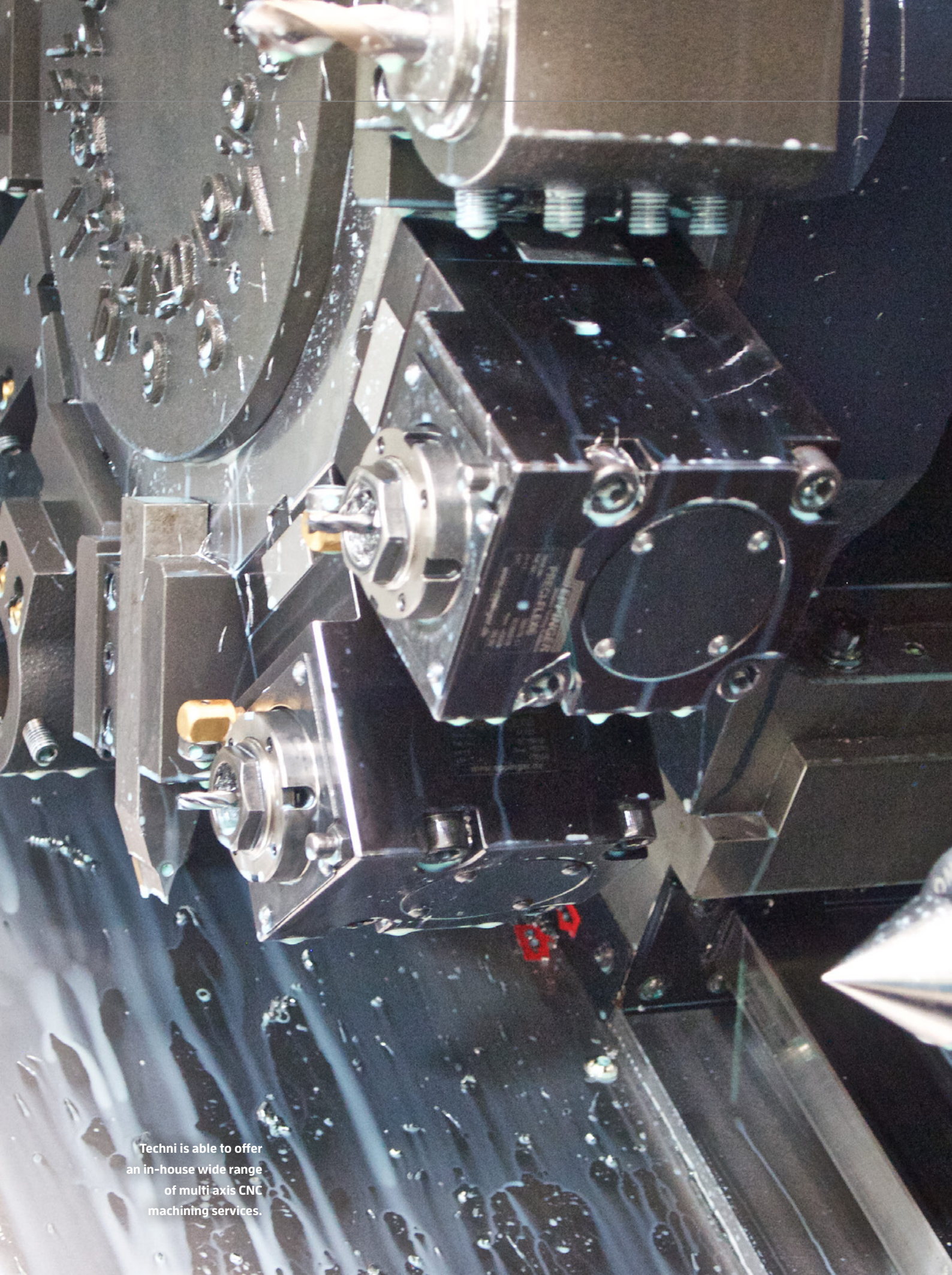
3D Printing

In-house rapid prototyping facilities represent a major capital investment, which enable us to verify designs for form, fit and function prior to full-scale production. To help eliminate costly modifications to production tooling, and ultimately shorten time to market, accurate model features are printed within (+/-0.2 mm).



Test fit

Prior to the manufacture of the part tooling and machining fixtures the complete kit assembly is test fitted to the vehicle to check for fit and function. Specific attention to the ease of installation is made to ensure the installation time is kept to a minimum.



Techni is able to offer
an in-house wide range
of multi-axis CNC
machining services.

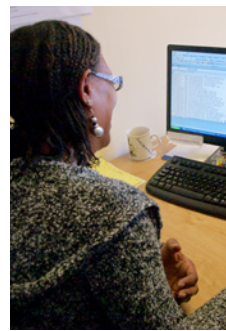
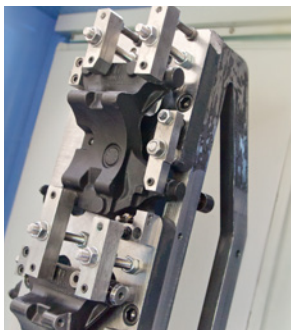
Techni is now unique in the market. Following substantial investment in new CNC machinery, Techni is able to offer an in-house wide range of multi axis CNC machining services.

Pattern Tooling

Using the latest milling technology we are able to support the pattern and tooling requirements of many advanced engineering sectors including aerospace and automotive.

Machine Fixtures

Our unique datum strategy ensures that the part is located and clamped in the optimum position to ensure the accuracy of the machining required. The fixtures are designed taking into account the machining process required, type of machine, position for machining access, and ability to load/unload.



CNC - Machining

We have a highly skilled, flexible workforce that is able to operate to maximize the utilisation of resources. This leads to the highest quality precision components.

- **Milling** - Continuing investment in the latest technology provides customers a CNC Horizontal multi-pallet and Vertical Milling capability with a single shift capacity of 30,000 castings.
- **Turning** - Our CNC Turning Centres with driven tooling options provide Precision CNC Turning with a single shift capacity of 60,000 parts.



Techni aims to provide
defect free components
to all our customers.

Techni aims to provide defect-free components to our customers and we pride ourselves in our constantly high Quality Right First Time performance.

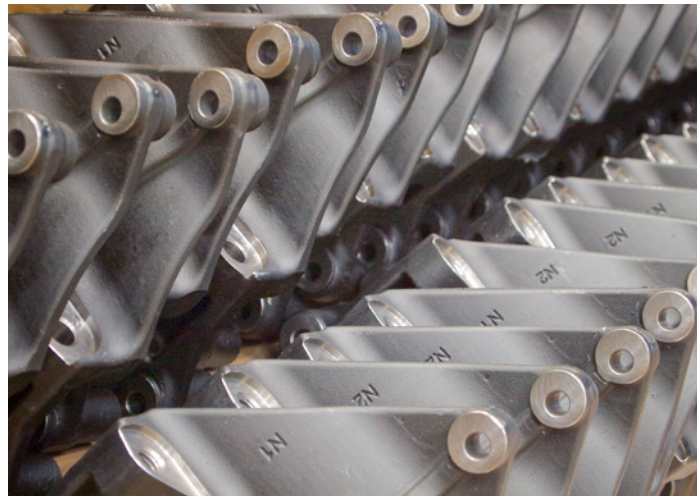
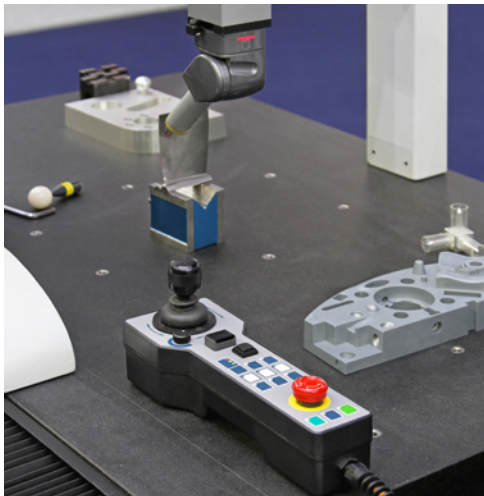
Quality and CMM Inspection

Due to the critical nature of the work undertaken at Techni Engineering, our inspection department operates a quality system accredited to the latest BS EN ISO 9001:2015 standard. Equipped with the latest DEA Global Coordinate Measurement Machine (CMM), contact scanning and PC-DMIS CAD++ CMM Software, our newly built inspection room caters for the needs of the Techni Group's busy Machining division.

Inspection Software

Techni is able to take CAD models, translate component geometry into CMM programmable data, carry out complete component inspection, and provide detailed CMM reports in a tailored format utilising data taken directly from the CAD.

Dedicated to Quality and Service,
we strive to provide the highest
levels of both to all
our customers



Quality System

- ISO 9001:2015 certification
- Investments in the latest CMM technology
- PC-DMIS CAD++ Inspection Software
- Traceability Batch and process control



FS 600618

LOCAL KNOWLEDGE
GLOBAL EXPERIENCE

Techni
SYSTEMS

VMAC
VACUUM METAL CHAMBERS

Techni
USA

Techni
UK

Techni
ENGINEERING

Increased efficiency, Increased
productivity, Increased

Our nationwide fully trained
in-house engineers are
committed to giving you
complete peace of mind.



Techni Systems designs and manufactures the most compact and powerful mobile air compressor systems and multi-power systems available.

Techni Systems are leaders in offering vehicle mounted mobile air compressor systems. Our success comes from the uniquely engineered technology that integrates the compressor onto the vehicle's engine, electronic control systems and market leading warranty.

With Techni Systems, you can choose the air compressor or multi-power system that best works for your application. All engine mounted systems feature the patented VMAC rotary screw air compressor with the Front End Auxiliary Drive being uniquely designed by Techni Systems.

Techni Systems and VMAC have over 100 years combined collective knowledge, experience and direct vehicle manufacturer relationships to allow us to efficiently provide a superior design, analysis and fully engineered compressor mount and drive solutions.

Techni
S Y S T E M S



Service and Support

Our nationwide fully trained in-house engineers are committed to giving you complete peace of mind. To reduce your system down time to a minimum and get you back to work as soon as possible, we offer a variety of service plans, alongside fully stocked genuine parts, as we understand your vans are businesses critical.

Keeping your system maintained correctly will significantly reduce your vehicle down time, thus saving you money.

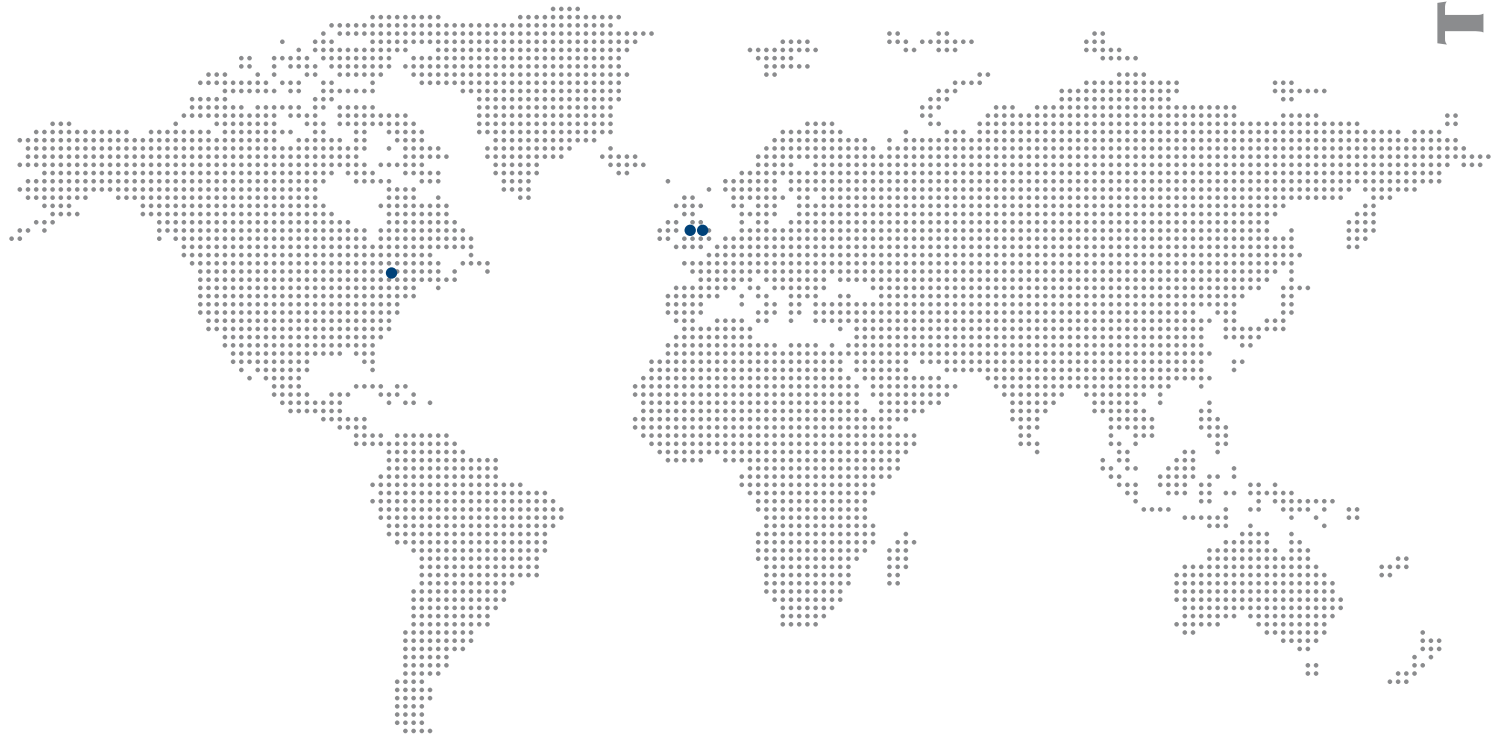


technisystems.co.uk



Techni offers a comprehensive range of products and services for industrial applications.

Techni offers a comprehensive range of products and services for industrial applications such as Automotive, Aerospace and Defence.



Techni HQ

Customer Services and Aftersales support, Assembly, Warehouse and Logistics.
Development Centre, Product design and Validation.

Techni USA

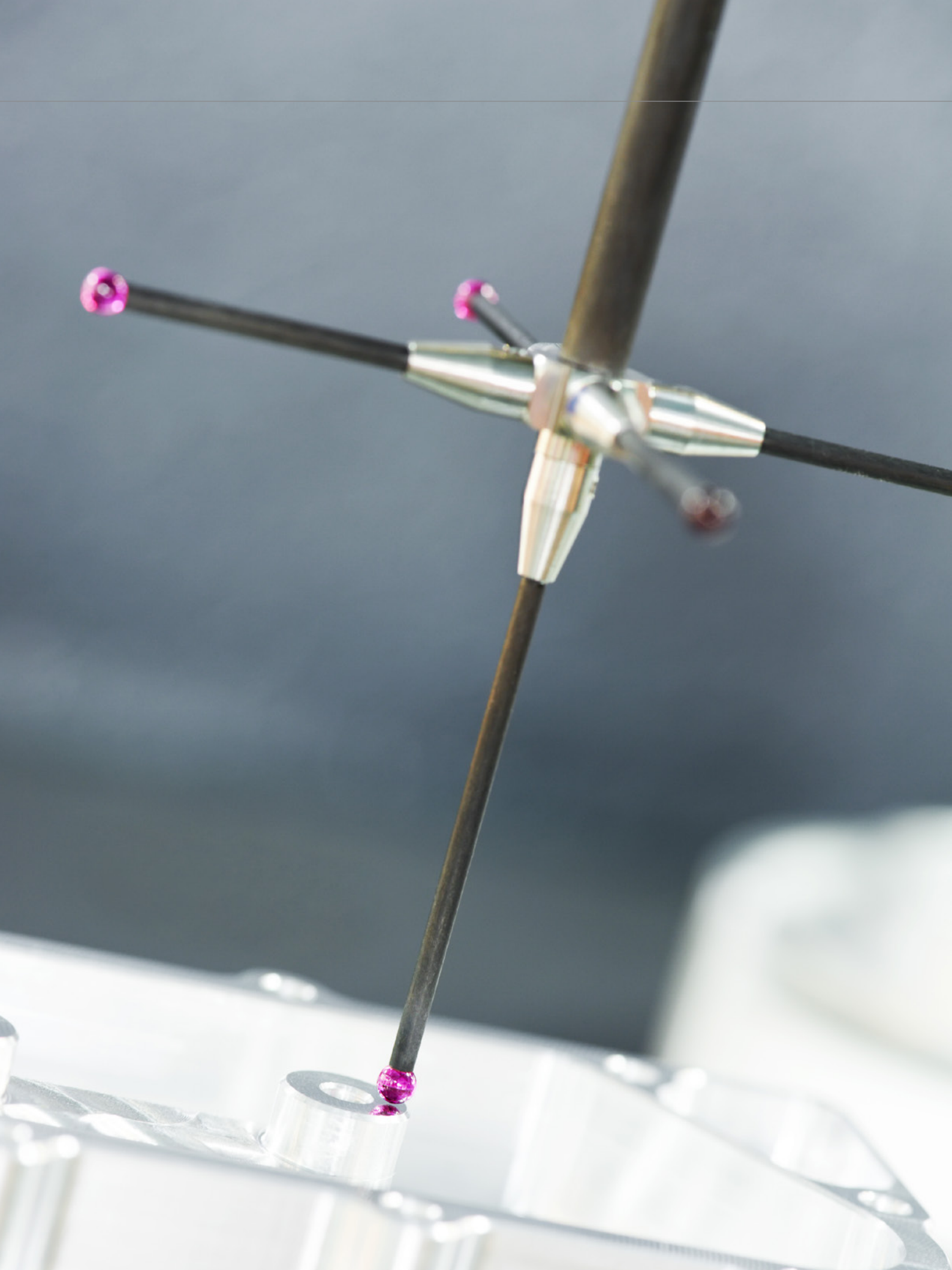
Customer Services and Aftersales support, Assembly, Warehouse and Logistics.
Development Centre, Product design and Validation.

Techni Engineering

Machining of Cast iron and Aluminium components, CNC Horizontal multi-pallet
and Vertical Milling capability, CNC Turning Centres with driven tooling.

Techni Systems

Installation, Customer Services and Aftersales support, Assembly, Warehouse and Logistics.
Development Centre, Product design and Validation.



Techni Ltd | Henley Way | Sundorne Trade Park
Shrewsbury | SY1 4NS | UK

t +44 (0)1743 443176 | **f +44 (0)1743 443113**

sales@techni.co.uk
www.techni.co.uk

Techni Engineering Ltd | A9 Link One Trading Estate
George Henry Road | Great Bridge | Tipton | DY4 7BU | UK

t +44 (0)121 557 7360 | **f +44 (0)121 565 2946**

Techni Systems | Sundorne Trade Park
Featherbed Lane | Shrewsbury | SY1 4NS | UK

t +44 (0)1743 443176 | **f +44 (0)1743 443113**

info@technisystems.co.uk
www.technisystems.co.uk

Techni US LLC | 6546 Corporate Drive | Indianapolis
Indiana | IN46278 | USA

t +1 317 672 3364 | **m +1 470 685 5841**

sales@techni.us
www.techni.us

