



**ENGINEERING &
MANUFACTURING
SERVICES**

ABOUT US

FAUN Trackway Limited is a member of the family owned KIRCHHOFF group. Founded in 1795, the group has over 10,000 employees worldwide and an annual turnover of €1.6bn, growing year on year.

The company has a prestigious history in the UK, with over 75 years' experience in the design and manufacture of products for the defence sector including; vehicles, rolling stock, marine vessels and aircraft adoption.

Originally situated in Saunders Roe, Isle of Wight, in 1940 the company relocated to Anglesey and later, in 1968, became Laird (of Anglesey) Limited. In 1996 Laird was acquired by FAUN GmbH, part of the KIRCHHOFF group. In 2015 FAUN Trackway® became its own entity as a limited company with our headquarters based in the heart of Anglesey.



Historically, our skills in fabrication, welding and painting converted to highly complex and bespoke projects that included; bridges, torpedo boats, half track land rovers, aviation, aerial masts and London buses. Over time, these skills have translated into our signature product range of portable roadways, expedient runway helipads, and marine access solutions, which continue to be used in military and civilian applications worldwide where the ground conditions are extremely poor.

Our team of technical, design and manufacturing engineers, coupled with our project managers and quality inspectors are here to support you and provide cost effective solutions. We're renowned for our integrity and trusted with delivering complete solutions from initial discussions to commissioning.

We pride ourselves on delivering the best customer experience possible. We are passionate about safety, quality, and the environment and are dedicated to continuous improvement and work with world class companies and governments across the world.

Our commitment to you is to develop an ongoing partnership working together to produce your products to the highest quality, on time and to your budget.



ACCREDITATIONS & AFFILIATIONS



ISO 9001 Quality Management (QMS)

Provides a framework and set of principles that ensure a common-sense approach to the management of our organization to consistently satisfy customers and other stakeholders. In simple terms, it provides the basis for effective processes and effective people to deliver an effective product or service time after time.

ISO 14001 Environmental Management (EMS)

Is the principal management system standard which specifies the requirements for the formulation and maintenance of an Environmental Management System. This helps to control our environmental aspects, reduce impacts and ensure legal compliance.

OHSAS 18001 Occupational Health and Safety Management (OHS)

Provides a framework for the effective management of OH&S including all aspects of risk management and legal compliance. It addresses occupational health and safety rather than any specific product safety matters.



BS EN 1090-1 : 2009 + A1:2011

Load bearing and structural steel components up to EXC 2.

This standard ensures that products placed on the market conform to the declared performance characteristics, we have a working factory production control (FPC) system in place. This is documented and maintained.



Fit For Nuclear (F4N) is a unique service to help UK manufacturing companies get ready to bid for work in the civil nuclear supply chain.



Investors in People is a standard for people management, offering accreditation to organisations that adhere to the Investors in People Standard.



The Welding Institute or TWI is a research and technology organisation, with a specialty in welding.



NIASS is an independent business development consultancy specifically aimed at assisting companies, both large and small, who are already operating or aspiring to operate in the UK Civil Nuclear and Defence Sectors.



Our global networks of industry communities serve buyers in supplier pre-qualification, supplier risk management and compliance, and supplier visibility.

OUR EXPERTISE

Our team of in-house 2D and 3D design engineers are on hand to discuss and advise from concept to completion, whether it be:

- ▶ Direct replacement repairs
- ▶ Prototypes/one-off's
- ▶ Bespoke complete items
- ▶ Continuous traceable batch quantities
- ▶ Assembly work
- ▶ Warranty work

We can work and build to print or produce drawings for your approval prior to production.

Our fabrication facilities provide our customers the confidence of accuracy and reliability making us their first choice for product production.

Our flexible manufacturing team take great pride in their work, delivering the highest standard of quality on time, every time. Our coded welding engineers work to the highest of standards and are proud to display their skills.

We have vast experience in body building, spray painting, utility vehicle repairs and upgrades, trailer repairs and container outfitting. We engineer products from carbon steel, stainless steel, aluminium and specialist materials and we can provide material with full traceability certification, load testing and weld testing.

Working closely with our clients in true partnership we deliver practical, cost effective solutions every time and have experience with military quality requirements.



OUR CAPABILITIES



ENGINEERING

- ▶ 3D (Pro E/CREO) and 2D computer aided design packages in use. Reliable design capability in mechanical, hydraulic and electrical systems.
- ▶ Finite Element Analysis (FEA).
- ▶ Rapid prototyping and 3D Printing.
- ▶ CE Marking and machinery directive compliance from design to manufacture.
- ▶ Human factors engineering.



ENVIRONMENTAL TESTING

Together with our testing partners we can ensure products are designed and tested to the most stringent of military standards to ensure maximum product reliability, safety and longevity, for example - MIL-STD 810.

- ▶ Rain
- ▶ Cold
- ▶ Humidity
- ▶ Heat
- ▶ Solar radiation
- ▶ Sand and Dust
- ▶ Salt Mist
- ▶ Vibration
- ▶ Shock
- ▶ DEF-STAN 00-35 Battlefield Missions



VEHICLE INTEGRATION & BODY BUILDING

- ▶ Technical axle load distribution calculations.
- ▶ Power take off integration and system controls.
- ▶ Approved body builder for major OEMs.
- ▶ Vast experience in body building.
- ▶ Manufactured in a quality controlled environment.



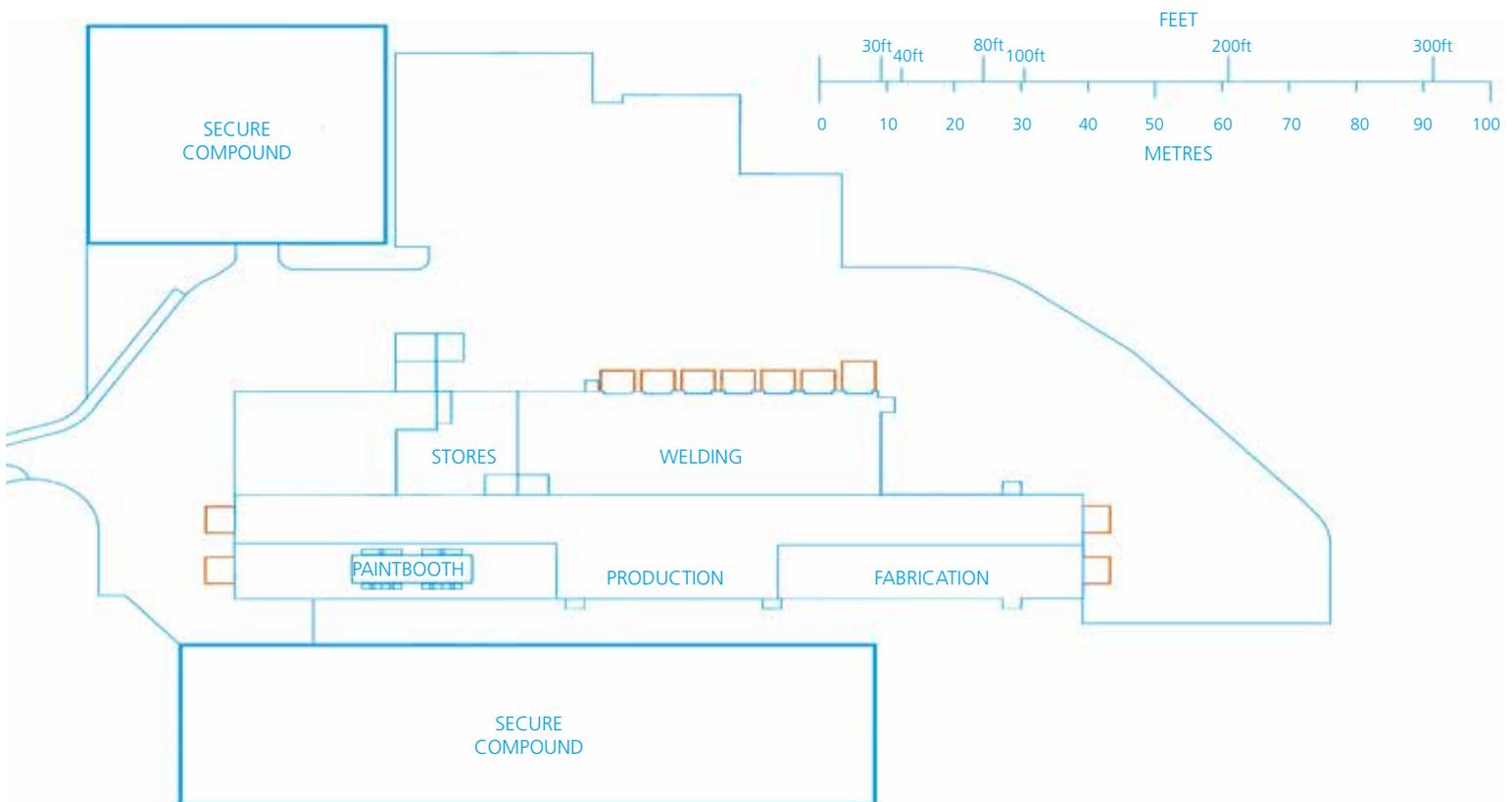
WELDING

- ▶ Coded/certified aluminium MAG/TIG welding to ISO EN 9606-2
- ▶ Coded/certified steel MAG welding to ISO EN 9606-1.
- ▶ Welder Qualification Test Standards BS EN 9606-1 Steel and 2 Aluminium.
- ▶ Modular welding jigs.
- ▶ EN1090 Execution Class 2.
- ▶ Qualified weld inspectors.
- ▶ Qualified responsible welding co-ordinators.
- ▶ Post-weld heat treatment capabilities.
- ▶ Ultra-sonic and magnetic particle inspection.
- ▶ Full traceability and material Certification.
- ▶ Visual inspection PCN level 2.
- ▶ Pull Test Facility.

OUR FACILITIES

FACTORY

- ▶ Modern facility opened in 1998
- ▶ 4,000m² (40,000 sq ft²) production area.
- ▶ Two workshop pits 12m long, 1m wide, 1.5m deep.
- ▶ 11 large roller shutter doors for easy access; Roller door width 4.3m, opening height 6m.
- ▶ 24 hour security system.
- ▶ 4,180m² (43,000 sq ft²) secure storage.
- ▶ Located close to ports of Liverpool, Holyhead, Dublin.
- ▶ 24 hour security system.



HANDLING AND CRANING

- ▶ Four 6 tonne gantry cranes.
- ▶ One 2 tonne gantry crane.
- ▶ One 250kg jib crane lift.
- ▶ Two 500kg jib crane lifts.
- ▶ Transport for ISO twistlock frames.





PAINT BOOTH

- ▶ High temperature baked paint booth.
- ▶ Paint booth dimensions of 18.4m long, 5.5m wide, 7.5m high.
- ▶ Pit of dimensions 16m long, 1m wide, 1.5m deep.
- ▶ Paint booth equipped with two traversable man-lifts to enable painting of tall objects.
- ▶ Booth can be split in two for flexibility
- ▶ Separate paint mixing booth.



PAINTING

- ▶ Specialist paint specifications e.g. CARC IRR.
- ▶ Processes conform to BS EN 14001.
- ▶ Full adhesion and paint thickness tests and recording.
- ▶ Grit blasting preparation.
- ▶ Anti-skid coatings.
- ▶ Water-based paint processes.
- ▶ Air Assisted Airless Spray painting.
- ▶ High solid two-pack paint process.

SUPPORT



DOCUMENTATION AND TRAINING

- ▶ Technical documentation - Operator, Spare parts and maintenance manual driven from our CAD package.
- ▶ E-Learning.
- ▶ Operator and maintenance training.
- ▶ For more information please see our ILS brochure.



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