company profile

As the leading global company for providing total aviation refuelling solutions, FTi are recognised as the preferred partner to the world’s major oil companies and commercial in-plane operators. Focusing on the design, development and manufacture of aircraft refuelling vehicles, systems and equipment, the principal product range includes bulk refuellers, hydrant dispensers, refuelling carts, portable and static refuelling systems and pump sets. FTi also manufactures an extensive range of associated components, spares and systems for the after sales market. The company also serves the military defence organisations of numerous countries, with many long-term supply contracts.

The FTi brand is synonymous with quality, performance and value for money, serving the world aviation market from its UK base in association with its appointed strategically located global affiliates. Increasingly, our international clients are using the FTi Modular Refuelling Systems Concept benefiting from maximum flexibility in terms of cost and expediency.

The company is fully quality accredited by the British Standards Institute to BS EN ISO 9001:2008.

product support

‘clients’ needs are our number one priority

Here at FTi we aim to provide a world class service, offering the complete Product Support package ensuring total peace of mind for our customers who are at the very heart of our business.

Training – a key factor in ensuring product reliability and efficiency along with customer satisfaction. We have available experienced Field Service Engineers who can provide full instruction on the safe operation and maintenance of equipment when required. The training can be offered as cost effective refresher courses, individually tailored to suit the needs of the customer taking into account the experience of operators and maintainers as well as the age of the equipment.

Spares – Our fully trained Field Service Engineers are utilised worldwide to provide technical support by phone, e-mail and on site. Within the UK they are backed up by their fully equipped service vans which are stocked with lots of everyday consumable items that can be used to solve simple issues immediately. FTi has recognised the need to support our growing customer base in Asia so we have an experienced engineer who is based in Singapore.

Spares – Our Product Support team are backed up by an extensive stock holding of spares and components held at our UK base. Spares that are required can be dispatched quickly and regularly reach remote locations within 72 hours from request.

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A division of Sturrock and Robson (UK) Limited

Limited Company
Registered in England No. 3658293

FTI
Fluid Transfer International

Quality, performance and value for money

Refuellers
hydrant dispensers
hydrant carts
pumpsets
components
service
Refuelling

Providing our customers with reliable state of the art refuellers.

FTi offer a range of refuelling vehicle constructions to service the smallest private aircraft to the largest commercial passenger aircraft. All vehicles are designed for over-Sea operation with the operating controls and instrumentation compact and ergonomically positioned for ease of use. Modular systems are tailored to meet modern day aircraft refuelling pressure and flow rate requirements.

FTi aircraft refuellers range in fuel load capacity from rigid vehicles of 5,800 litres to 24,000 litres depending on configuration and articulated vehicles up to 58,900 litres. The rigid vehicle can be configured both to single piston trailer units up to 40,000 litre capacity to give an overall usable fuel capacity of 70,000 litres.

Options such as low-profile vehicle designs, defuelling and recirculation capabilities are also easily accommodated, which combined with the very latest electronic metering equipment and safety systems, provide our customers with reliable state of the art refueller vehicles.

Hydrant Dispensers

Performance meets the most demanding operations.

FTi’s “Global Specification” high flow hydrant dispenser range “Hydron” is capable of refuelling up to 5,800lpm. Designed to refuel the largest commercial aircraft including the Airbus A380 or the smallest regional jets. Containing to the latest European Standard and STOL requirements and fully approved to RTCA electrical requirements.

Forti modules are often available from stock or part built just requiring your preferred choice of chassis.

FTi were pioneers of the supply of hydrant-dispenser and refueller modules for local integration overseas, we have been doing this very successfully for over 20 years in countries such as Korea, Malaysia, China, Indonesia and Thailand to name a few.

FTi’s extensive project management experience in supporting overseas customers to integrate modules, backed up by highly experienced engineers, has set us apart from our competitors. This process satisfies many countries local content regulations and offers import duty reductions over a complete vehicle.

Hydrant dispensers

Meet modern day aircraft fueling requirements and offers improved solutions to total aircraft refuelling operations.

Disconnect couplings allow for speedy temporary or static field installation of water based or water bladders, which when deployed with our extensive range of quick release coupling kits and relevant equipment allows for high speed aircraft refuelling.

For the end user

From simple barrel emptying pump units used at remote airfields, to the most sophisticated compact engine driven portable pump sets, FTi has a solution for the needs of the end user. Our pumps are drawn from various fuel sources such as tanks, barrels and flexible rubber bladders, which when deployed with our extensive range of quick disconnect couplings allow for speedy temporary or static field refuelling operations.

Reduced carbon footprint “RAZER”

The FT RAZER Rechargeable Aircraft Zero Emission Refueller is part of Fluid Transfer’s drive to provide improved solutions to the aircraft fuelling sector. This new electric vehicle design benefits from a number of technological advances both in operating cost efficiency and environmental impact such as:

- Reduced maintenance: The vehicle’s transmission is reduced to one electric drive motor lock-in-gear for forward and reverse operation. Fewer moving components results in reduced maintenance.
- Zero noise pollution: The electric drive transmissions are silent operation with no noise pollution.
- Improved efficiency: FT RAZER is the first Dispenser with completely zero emissions. That’s 0% - NOx, SOx, CO and CO2.
- Zero exhaust pollution: Electrical drive transmissions are noted for their silent operation when travelling.
- Zero maintenance: The vehicle’s transmission is reduced to one drive motor locked in a gear for forward and reverse motion. Fewer moving components results in reduced maintenance.

Safety

Input have mechanical and electrical fail-safe and fully controlled hydraulic powered lifting oil mechanisms.

Aviation Hose Pressure Test Pump.

Earth bonding and interruptible manual or auto rewind. Couplings designed for various static monitoring and display and electronic deadman system with operator override device control.

Quality

Closed circuit fuel sampling units ranging in capacity from 3.3 litres to 300 litres.

Hoses, Reels, & Pumpsets

A wide spectrum of hose reels capable of accommodating from Ø3mm to Ø75mm hose. A selection of different construction material flow paths facilitate the handling of any liquid.

Ergonomically designed, with reduced maintenance needs. FT RAZER is the first Dispenser with completely zero emissions. That’s 0% - NOx, SOx, CO and CO2.

Components

Design, development and evolution

Drawing on our experiences over the years supporting fueling companies the world over, FTi has designed, developed and evolved various niche components which form the base of our product range in FTi’s vehicles and systems.

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- Reduced running costs: The potential cost saving from using off peak electricity against the ever increasing cost of diesel is of significant benefit.
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