



Perfection in Every Little Detail

Tokheim Quantum® FS
fuel dispenser



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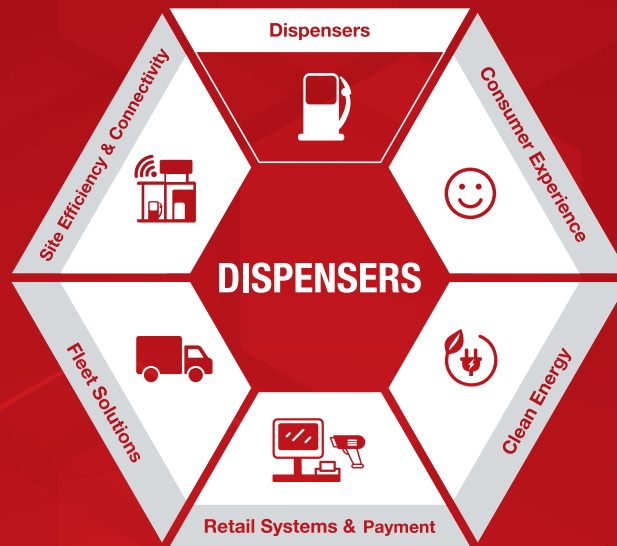
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Compact, But Without Compromise

At Dover Fueling Solutions® (DFS), we are focused on quality through engineering excellence and leading through advanced fueling technology. And there's a lot behind the scenes that goes into building a world-class product. So when we redesigned our dispenser range — enhancing it with the most advanced technology and globally-available componentry — we knew it had to be the very best, because that's what our customers deserve. We pay attention to every little detail, from its sophisticated design to its supreme accuracy and durability, so you have the confidence and assurance to grow your business.

Built on a legacy of engineering excellence — of durability, reliability and precision — and decades of hydraulic innovation, our dispensers utilise DFS' core platform of quality components to provide solutions that are proven to last longer, require less maintenance, offer reliable operation and deliver a low total cost of ownership (TCO) over their lifetime.

Introducing the Tokheim Quantum® FS fuel dispenser, a small yet flexible and unbelievably powerful dispenser with a vast range of configuration possibilities. It is so efficient at its job you wouldn't even know it was there. Except it is. And it's exceptional.

DFS *Worldwide* Brands

Small, But Doing it in a Big Way

Fueling Flexibility

With a wide range of options and configuration possibilities for dispensing conventional fuels as well as AdBlue® and liquefied petroleum gas (LPG), the Quantum® FS fuel dispenser is truly flexible. Available as either a mono or duo model, the Quantum® FS fuel dispenser can support a broad range of flow rates to suit any application, from heavy-duty vehicle refueling to marinas, industrial applications or fuel retailing. The Quantum® FS family of fuel dispensers offer unrivalled flexibility in a small footprint, but are packed with our leading technology to ensure powerful performance.

Reliable Operation

Engineered with field-proven and high-quality components, the Quantum® FS fuel dispenser is built to last. Not only is this dispenser assembled with a strong framework and quality materials and treated with our industry-leading corrosion protection to provide our trusted Tokheim® quality, but it is packed with our leading hydraulic technology to give you unrivalled operation, day-in, day-out.

Precise Performance

Engineered with quality components, the Quantum® FS fuel dispenser is built to last, with hydraulic technology that ensures superior nozzle availability in demanding daily use.

Engineering Excellence

At the core of the new Tokheim Quantum® FS fuel dispenser is a set of high-quality components that provide long-lasting, reliable performance and less maintenance, resulting in a low TCO over its lifetime. This dispenser is a compact model that doesn't sacrifice functionality or compromise on performance. It's engineering excellence in every detail.



Data Sheet / Tokheim Quantum[®] FS fuel dispenser

Perfection in Every Little Detail.

Fuel Compatibility

- Gasoline, Gasoline blends (up to 85% ethanol), Petroleum Diesel, Biodiesel (up to 100% bio content), Kerosene

Model Availability

- Orientation: Island. Dual-sided or Single-sided
- Grades available: 1 or 2
- Nozzles available: 1 to 4
- Hydraulic system: Suction or Remote Pressure
- Hose Management: Hose Hook or Hose Mast
- Flow Rates* available: 40, 40-70, 70, 130 or 180 lpm

Hose Reach

- Hose Mast: 4 meter reach
- Hose Hook: 4 meter reach with standard hose length.
- Optional longer hoses for longer reach available

Electronics

- TQC pump computer

Displays

- Standard 6-6-4 LCD with 1.0" digits
- Premium 7-6-5 LED with 1.15" digits

Totalizers

- Electromechanical 7-digit totalizers

Communication Protocol

- IFSF as standard
- Other protocols available

Metering

- Secure intelligent Pulser
- Electronic calibration
- Piston meter technology using P-Meter
- Optional Automatic Temperature Compensation (ATC) available

Pumping Unit

- Gear pump technology using either RCPU or HCPU depending on configuration

Filters

- External filter-pot as standard
- Choice of filters available

Vapour Recovery

- Optional stage II vapour recovery (VR2) available
- EVR electronic VR2 system
- SC-EVR self-calibration electronic VR2 system

Electrical

- 400V 50hz 3-phase
- Optional 220v 50hz single-phase available

Branding

- Optional customized graphics

Materials

- Painted hot dipped galvanized steel frame
- Painted hot dipped galvanized steel

Corrosion Protection

- C4 protection according to ISO12944-2: 1998 as standard
- Optional C5 protection available

Operating Temperature

- From -15°C to +55°C as standard (non ATEX)
- From -25°C to +55°C as standard ATEX)
- Optional low temperature kit option for extended temperature range -40°C to +60°C

Relative Humidity

- From 5% to 95%

IP Rating

- IP 54 electronic head

Certifications

- ATEX, OIML, MID



* Flow rates are indicative as actual flow rates depends on the underground fuel installation. Actual flow rates can vary +/- 10% from nominal flow rates

