



On The Winning Team, Every Time



Tokheim Quantum[®] ML
fuel dispenser

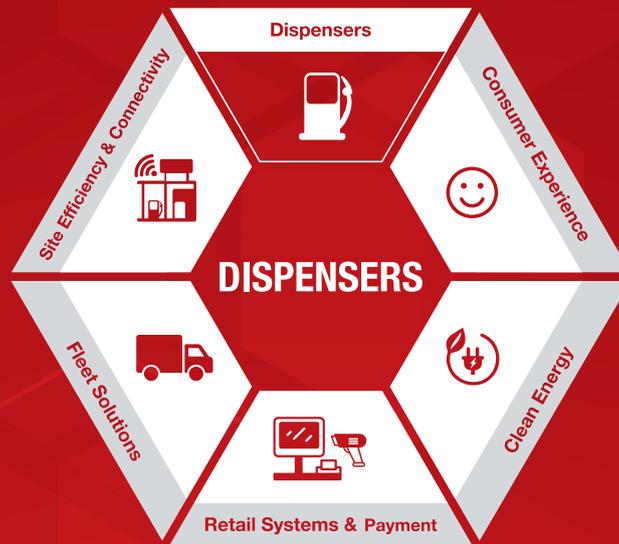


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Even Better Than the Best

At Dover Fueling Solutions® (DFS), we like to think our fuel dispensers stand out — that they're truly memorable — from the outside and certainly from the inside. Manufacturing fuel pumps is not just another process to us, because making the perfect dispenser is not just about 'ticking all the boxes'. It's about building the ideal solution to keep your customers coming back, time and time again. And because our dispensers must deliver exceptional performance, day after day, we put our absolute heart and soul into engineering them.

Introducing the Tokheim Quantum ML fuel dispenser, a reinvention of our fiercely popular Tokheim Quantum® 510M fuel dispenser model. We've brought you the box office smash hit - the groundbreaking, breathtaking sequel - and delivered a dispenser which knows no limits.

Built with exceptional, trusted Tokheim® quality, we've succeeded in making the Tokheim Quantum ML fuel dispenser to be one of the most perfect examples of reimagined functionality, reliability and modularity. It exudes quality, excellence and precision in every area, allowing to grow your fuel retail business with extreme ease. It's modular, versatile, durable... brilliant.

DFS *Worldwide Brands*

The New Best Seller

Superior Modularity

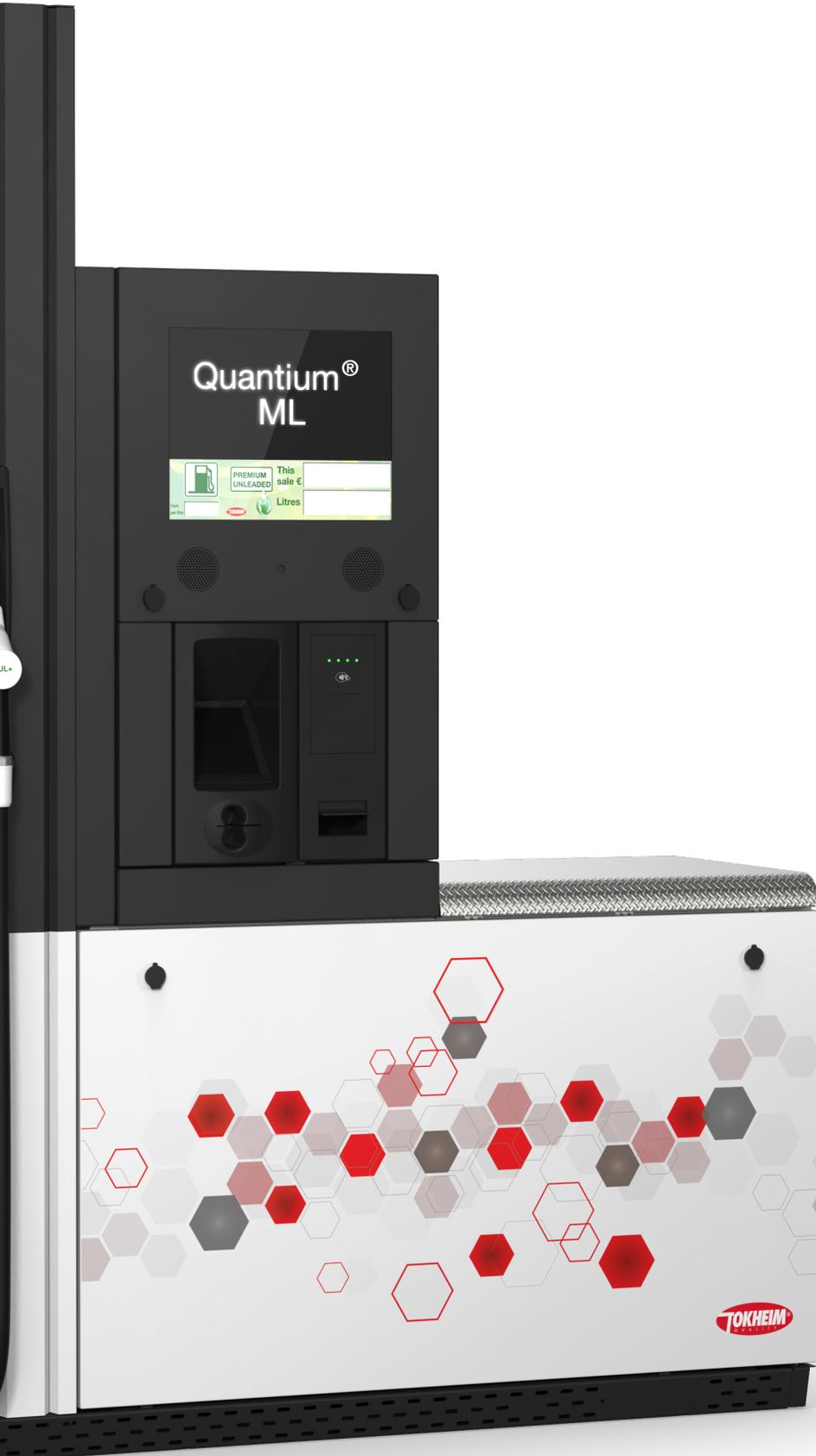
The Quantum ML fuel dispenser is modular, versatile and durable. It represents the best in fuel dispenser technology, allowing you to deliver a first-class service to your customers. As a highly configurable model with an optimised footprint, the Quantum ML fuel dispenser has superior nozzle availability and can dispense up to five fuel grades per side and comes with an extended range of options to meet specific requirements and a broad range of applications, from heavy-duty vehicle refuelling to fuel retailing. It also embodies future-proof engineering with retrofit modularity, enabling you to build a perfect model for your forecourt, now and in the future. The Quantum ML fuel dispenser is available to configure with three different hose management systems: Light Hose Retraction (LHR), Full Hose Retraction (FHR) and Extended Hose Retraction (EHR).

Accurate and Reliable

This dispenser is built with precise electronic calibration to deliver minimal drift over its lifetime. It also provides accurate fuelling from leading meter technology and best-in-class data resolution. Utilising field-proven components, a durable and robust framework and Tokheim quality materials minimising dispenser downtime, the Quantum ML fuel dispenser's versatile design will keep on giving long into the future.

Engineering Excellence

Based on engineering excellence and decades of hydraulic innovation, this new and improved fuel pump has the power to take your forecourt to the next level. With enhanced features, exceptional configurability, superior nozzle availability and multiple hose management systems, the Quantum ML fuel dispenser offers true modularity and reliability. Manufactured with leading corrosion protection and strong componentry for compatibility with all fuel types, this model has less downtime and require fewer maintenance visits, giving fuel retailers added peace of mind and lower total cost of ownership (TCO). Combining Tokheim history, engineering and quality, the Quantum ML fuel dispenser is the perfect example of engineering excellence and a sound investment for many years to come.



Data Sheet / Tokheim Quantum ML fuel dispenser

Beauty, Modularity and Reliability. Enhanced.

Fuel Compatibility

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

Model Availability

- Orientation: Lane. Dual-sided or Single-sided
- Grades available: From 1 to 5
- Nozzles available: From 1 to 10
- Hydraulic system: Suction or Remote Pressure
- Hose Management: Light hose retraction (LHR), full hose retraction (FHR) or extended hose retraction (EHR)
- Flow Rates* available: 40, 40-70, 70 or 130 lpm

Hose Reach

- EHR: 4.7 meter reach
- FHR: 4.0 meter reach
- LHR: 3.5 meter reach

Electronics

- DFS iGEM 2.5 calculator

Displays

- Premium 7-6-5 LED with 1.15" digits

Totalisers

- Electromechanical 7-digit totalisers

Communication Protocol

- IFSF LON 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) system available
- EVR electronic VR2 system
- SC-EVR self-calibrating electronic VR2 system

Electrical

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

Branding

- Optional customised graphics

Materials

- Painted hot dipped galvanised steel frame
- Painted anodised aluminium cladding
- Stainless steel and marina options available

Corrosion Protection

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

Operating Temperature

- From -25°C to +55°C as standard
- 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 only as actual flow rates depends on the underground fuel installation. Actual flow rates can vary +/- 10% from nominal flow rates.

