



## Tokheim Quantum™ 110 fuel dispenser



The Quantum 110 is an entry-level fuel dispenser that is packed with many of the innovative features from the more advanced Quantum series models. It is a single-product system, allowing you to dispense one grade of fuel up to high speeds. It's popular with all of our customers as a high-speed diesel dispenser, but it is also recognised as a reliable option for a smaller retail service operation.

“The quality and reliability of the dispenser design is based upon the real-life, real-time data gathered from more than 40,000 service stations we support through our authorised service representatives and distributors.”

## Quantum 110 fuel dispenser at a glance

### Calculator

Utilising the Tokheim Quality Calculator™ (TQC) platform, Tokheim's LED backlit LCD display provides a crisp display of digital units. Choose from volume only (commercial) or volume and price (for retail).

### Hydraulics

At the heart of our fuel dispensers is a set of high-quality components that provide long-lasting performance. The minimal drift Tokheim Quality Meter™ (TQM) meter and robust Tokheim Quality Pump™ (TQP) pump ensure your dispensers keep dispensing with accuracy.

### Hose management

The 'Spring Mast' hose management system ensures that your site benefits from a tidy dispenser and your customers further benefit from a fuelling experience that is clean and easy.

### Bodywork

Our panels are made of treated powder-painted aluminium cladding – providing long lasting life, in the harshest conditions.

### Lifting slots

Tokheim Quantum fuel dispensers are equipped with lifting slots as standard. This solution provides the industry's highest level of safety and security during dispenser's onsite installation and removal.



# Introducing the Tokheim Quantum fuel dispenser range



Quantum™ 110

Entry-level, one or two hoses, single-product system. Allows you to dispense one grade of fuel up to high speeds.



Quantum™ 210

Entry-level dispenser, but with more options and flexibility than the Quantum 110 dispenser. The Quantum 210 dispenser can dispense up to two products and it comes in either a one or two hose model.



Quantum™ 310

Flexibly designed to deliver a single, twin or quad fuel dispenser. The spring mast based hose retractor system makes it easy for customers to use.



Quantum™ 410

Tokheim's global 'H' style, multiproduct dispenser with 'hanging hose' design and a complete range of payment and upgrade options.

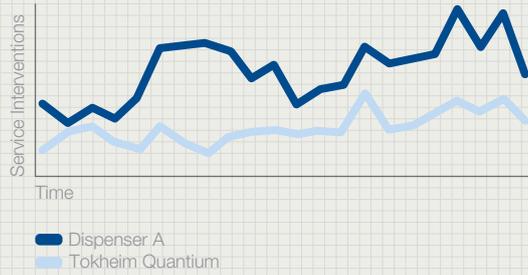


Quantum™ 510

Our leading multiproduct dispenser with smart retractable hose management design. Choose from a complete suite of payment and upgrade options.

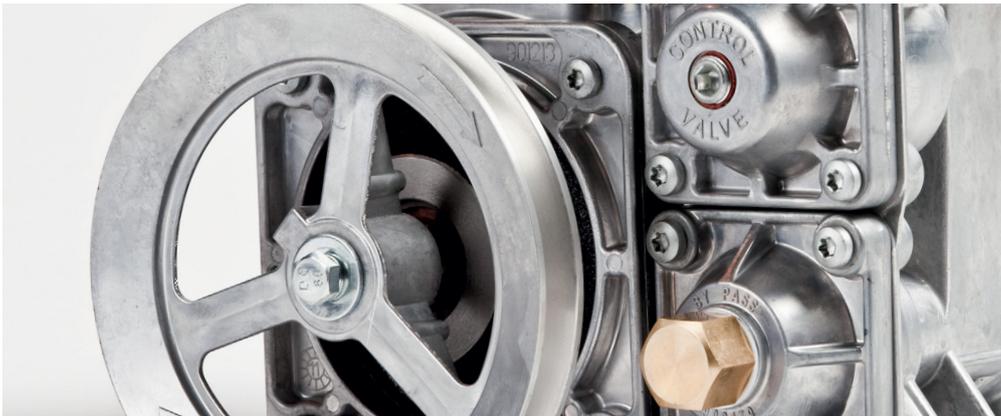


## Quality & Reliability

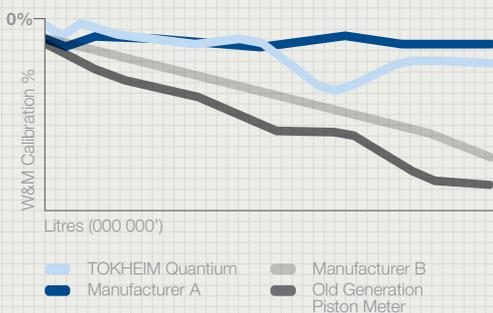


## Less service, less hassle

Tokheim's Quantum dispensers have been independently verified to have less service interventions than other industry installed and supplied pumps. Greater uptime means improved throughput and your customers can rely on your service station for a faster and more pleasant refuelling experience.



## TQM Drift Comparison over 12m litres



## Maximum accuracy, minimal drift

The TQM meter exhibits minimal drift performance over the lifetime of the dispenser, helping our customers to reduce fuel loss to a minimum. Its robust design ensures it is suitable to work in the harshest conditions with a wide variety of fuel types.



# Quantium 110 fuel dispenser

## Technical Specifications\*

### Base models

- Standard speed (40 l/min)
- High speed (80 l/min)
- Very high speed (130 l/min)
- AdBlue configurations

Flow rates depend on model, underground site layout, site altitude, ambient temperature and selected options.

### Optional features

- Automatic temperature compensation
- Electronic calibration
- Programming switch
- Single-phase motor
- Preset functions via push buttons or keypad
- Product indication lights
- IR remote control compatible
- Mechanical totalisers on meter
- Anti-magnetic electro-mechanical totalisers (single and double-sided)
- 40/80 l/min speed selection

- Several hydraulic inlet options
- Submerged
- Ground frame
- Sightglass
- E85 compliant
- Breakaway couplings
- Low temperature kit
- Leak plate
- Marina prepared
- Stainless steel cladding panels
- Customised livery of complete dispenser
- Fuel theft prevention

Only core features and options are listed.  
For more detailed information on available options, please contact your local Tokheim representative.

### Environmental conditions

- Ambient temperature: -25°C to +55°C
- Cold climate: -40°C to +55°C (optional)
- Temperature of fluid: -25°C to +25°C
- Viscosity of fluid: < 10<sup>-4</sup> m<sup>2</sup>/s
- Relative humidity: 5% to 95%
- Altitude: from sea level to 2,000 m

# Tokheim

# Worldwide

### Contact

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### Further information

For any further information and detailed contacts for each country, please visit our website at [www.tokheim.com](http://www.tokheim.com) or email us at [tokheim@doverfs.com](mailto:tokheim@doverfs.com).

\*As Tokheim regularly improves its products in line with evolving market and regulatory requirements, it reserves the right to change any of the specifications of these products, and this document without prior notice.



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