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As Tokheim regularly improves its products to ever better respond to evolving market and regulatory requirements, it reserves the right to change any of the specifications of these products, and this without prior notice.

Q510-BRO-02-GB-0808

September 2008 - Tokheim Marketing Communication - Création & Impression : DARMON IMPRESSIONS

Quantium 510

- Complete range of models and options
- Optimised ergonomics
- Compact design
- Best-in-class components
- Robust and reliable
- Lower total cost of ownership

Delivering Flexible Solutions

TOKHEIM® QUALITY

Quantium 510

- The Quantium 510 range of multi-product fuel dispensers has been developed to help you maximise the efficiency of your service station.

- In line with the latest filling station requirements, this range comprises various models and options and is approved for most markets across the world in order to satisfy all your needs.

- Through design innovation and the use of selected, proven components and a comprehensive set of options and peripherals, this product range will exceed your requirements.

Standard features

- Lane-orientation
- TQM piston meter with integrated MP T1 pulser
- TQP rotary vane or gear type suction pump
- WWC T1 calculator incorporating all major existing protocols: IFSF, Tokheim, EPS, ZSR, Dunclare, 82D, EIN (JKR), M3000, Logitron, Tatsuno, Autotank, Kienzle, Dresser Wayne, (ER3/S&B), Dresser (X2000), Nuovo Pignone
- LED backlit LCD display with 6 digits for price and volume and 4 digits for unit price
- Solenoid control valve prepared for preset applications
- State-of-the-art nozzles for different speeds
- Spring drum-based hose retractor with 4.2 m reach
- Black hoses suited for the different speeds
- Cataphorised powder-painted carbon steel cladding
- Integrated leakage plate for suction models
- Payment-ready
- Vapour-recovery retrofittable (both ECVR and ECVR-SCS)
- MID / OIML compliant
- Compatible with biofuel blends as specified within existing fuel standards for unleaded (EN228) and diesel (EN590) fuels

Quantium 510 **Quantium 410** **Quantium 310** **Quantium 210** **Quantium 110**

Base models

- Standard speed (40 l/min.)
- High speed (80 l/min.)
- Very high speed (130 l/min.)
- Satellite models
- LPG one- and two-hose
- Combined hoses for unleaded products*
- Multi-product dispenser with integrated LPG*
- Double-sided and single-sided models
- Combined standard speed-high speed
- Combined standard speed-very high speed
- AdBlue configurations

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

** Only in countries where authorised*

Optional features

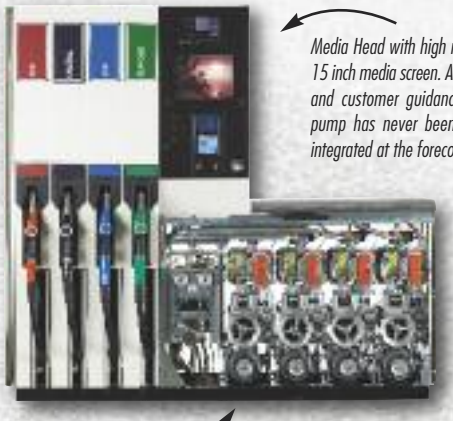
- Electronically Controlled Vapour Recovery (ECVR)
- Tokheim patented Self-Calibrating Vapour Recovery System - ECVR-SCS (including both monitoring and Self-Calibrating System)
- Several vapour recovery ground connections
- Vapour Recovery status LED
- Automatic temperature compensation
- Electronic calibration
- Main safety switch
- Programming switch
- Single-phase motor
- Preset functions via push buttons
- Unit price display per product
- Product indication lights
- OPT lamps
- Speaker (one way sound)
- IR remote control compatible
- Mechanical totalisers on meter
- Anti-magnetic electro-mechanical totalisers (single- and double-sided)
- Full range of LPG nozzle options
- 40/80 speed selection
- Air vent to outside of frame
- External filterpot for EPZ pump
- Several hydraulic inlet options
- Submerge
- Ground frame
- Sightglass
- Satellite connection single or double sided
- E85 compliant
- Breakaway couplings
- Low temperature kit
- Payment-integrated solutions for a wide range of markets
- Various stainless steel cladding solutions
- Additional corrosion protection for painted cladding
- Customised livery of complete dispenser
- Fire and tilt detection
- Media Head with 15" screen

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: < 10-4 m^2/s
- Relative humidity: 5% to 95%
- Altitude: from sea level to 2000 m

The narrow nozzle boot with protection panel protects the paint from chipping due to nozzle impact. This to ensure livery aesthetics and dispenser quality remain on a high level for a long time. The protection panel can be easily replaced in the field if required.



Media Head with high resolution 15 inch media screen. Advertising and customer guidance at the pump has never been so well integrated at the forecourt.

Optimized hydraulic stack assembly, directly mounting the TQM and TQP. Ensuring improved accuracy, minimal drift and confirmed high quality.