



# Quantum 310



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



# Quantum 310



- The Quantum 310 range of single, twin and quad fuel dispensers has been developed to help you maximise the efficiency of your service station.

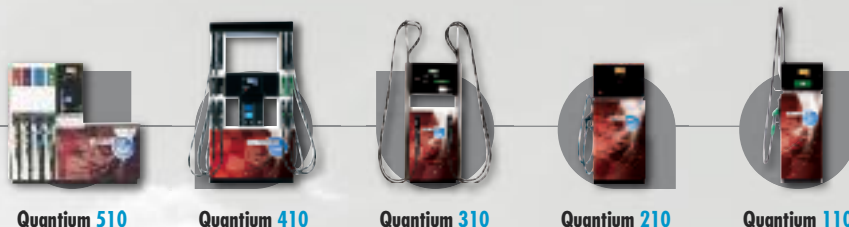
- In line with the latest filling station requirements, this range comprises various models and options and is approved for most markets across the world in order to satisfy all your needs.

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



## Standard features

- Island and 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:  
Protocols: IFSF, Tokheim, EPS, ZSR, Dunclare, 82D, EIN (JKR), M3000, Logitron, Tatsuno, Autotank, Kienzle, (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 mast based hose retractor system with 4.0m effective nozzle reach
- Black hoses for different speeds
- Cataphorised powder-painted carbon steel cladding
- Integrated leakage plate
- 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



## Base models

- Standard speed (40 l/min.)
- High speed (80 l/min.)
- Very high speed (130 l/min.) speed
- Satellite models
- Combined standard speed-high speed
- Combined standard speed-very high

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

## 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
- E85 compliant
- Vapour Recovery status LED
- Automatic temperature compensation
- Electronic calibration
- Main safety switch
- Programming switch
- Single-phase motor
- Preset functions via push buttons or keypad
- Unit price display per product
- Product indication lights
- OPT lamps
- Speaker
- IR remote control compatible
- Mechanical totalisers on meter
- Anti-magnetic electro-mechanical totalisers (single- and double-sided)
- Full range of 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
- Breakaway couplings
- Low temperature kit
- Various stainless steel cladding solutions
- Additional corrosion protection for painted cladding
- Customised livery of complete dispenser
- Fire and tilt detection

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<sup>2</sup>/s
- Relative humidity: 5% to 95%
- Altitude: from sea level to 2000 m





- Manufacturing Plants
- Sales & Service Divisions
- Headquarters
- Subsidiaries
- Joint-Ventures

For any further information and detailed contacts for each country,  
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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.*

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