



Quantium 500T



- Optimised ergonomics
- Compact design
- Best-in-industry components
- Designed and built to last
- Low ownership costs
- Wide range of models and options



Quantium 500T

> Quantium 500T1



- The Quantium 500T range of multi-product fuel dispenser 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
- Rotary vane type EPZ pump with internal filter for standard speed and single-sided high speed
- Gear type PAS V3 pump with external filter for high speed and very high speed diesel
- Four piston type MA 26 meter with integrated MP T1 pulser
- WWC T1 calculator incorporating all major existing protocols: IFSF, Tokheim, EPS, ZSR, DUN, 82D, EIN, M3000, Logitron, Tatsuno, Autotank, Kienzle
- Backlit LCD display with 6 digits for price and volume and 4 digits for unit price
- Solenoid control valve prepared for preset applications
- Top state-of-the-art nozzles suited for the different speeds
- Spring drum-based hose retractor with 4.2 m reach
- Black hoses suited for the different speeds
- Cladding: cataphorized powder-painted carbon steel
- Drip-tray: integrated leakage plate
- OPTimum-ready
- Vapour-recovery retrofittable

Technical specifications

Flow rates:

- Minimum flow rate: 5 l/min.
- Standard speed flow rate: 40 l/min.
- High speed flow rate: 80 l/min.
- Very high speed flow rate: 130 l/min.

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

Electrical connection:

- 230/400 V AC, three-phase 50 Hz



> **Quantium 500T**



> **Quantium 400T**



> **Quantium 300T**



> **Quantium 200T**



> **Quantium 100T**

Base models

- Standard speed (40 l/min.), one through four product
- High speed (80 l/min.)
- Very high speed (130 l/min.) as one product in a multi-product dispenser
- Satellite models
- Satellite master for high speed and very high speed models
- LPG one- and two-hose
- Combined hoses for unleaded products*
- Multi-product dispenser with integrated LPG*
- Double-sided and single-sided models

(*) 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
- Main safety switch
- Programming switch
- Single-phase motor
- Ferranti-Packard display
- 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
- Full range of LPG nozzle options
- LPG without nozzle boot (nozzle in fender)
- 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
- 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
- Voice synthesiser
- 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 for standard configuration
Cold climate:	-40°C to +55°C with the low temperature kit
Temperature of fluid:	-25°C to +25°C
Viscosity of fluid:	< 10 ⁻⁴ m ² /s
Relative humidity:	5% to 95%
Marine environment:	With option 'Additional corrosion protection'
Altitude:	From sea level to 2000 m



1 product: 995 3 products: 1552
2 products: 1158 4 products: 1942

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