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Fuel Dispenser Pumps Sold & Serviced By IAS



Quantium 100T



The Quantum 100T is a low-end single-hose dispenser. It is available as a commercial dispenser with volume only and as a retail dispenser with volume and price.

Built using proven components, the Quantum 100T is a reference in terms of ergonomics and performance. Its compact design makes the most out of limited space available at many stations. The Quantum 100T dispenser is easy to install with minimal disruption to your station's layout.

Base Models

- Standard speed delivery: 40 l/min. for VR and 50 l/min. for non-VR
- High delivery: 80 l/min.
- Very high-speed delivery: 130 l/min.
- One-product, one- or two-hose (40/130 l/min.)

Standard Features

- Island-oriented with hose hook
- EPZ suction pump (PAS V3 pump for very high speed applications)
- MA 26 meter
- Three-phase, 400V/50Hz motors (same for suction pumps and VR_vacuum pumps)
- ZVA nozzle

- Elaflex hose 3.5m (black)
- Corrosion resistant chassis and panels
- WWC T1 calculator with LCD displays for retail models
- WWC T1 with LCD display, mechanical register or Cecli2 calculator for commercial models
- Control valves allowing two-stage configuration for preset applications
- Protocols: IFSF, Tokheim, EPS, ZSR, Dunclare, IFSF, 82D, EIN (JKR), M3000, Logitron, Tatsuno, Autotank, Kienzle

Key Optional Features

- GRVP
- Leak plate
- Programming switch
- Full range of livery options
- Breakaway couplings

- Single-phase motor
- Second side display
- spring mast
- Fleet management system compatible
- Full range of stainless steel options
- Nozzle mounted sight glass
- 40/80-l/min. speed selection
- Mechanical totalisers
- Full range of nozzle options
- Full range of hose options

Environmental Conditions

- Ambient temperature: -25°C to +55°C for standard configuration
- Temperature of fluid: -25°C to +25°C
- Relative humidity: 5% to 95% non condensing
- Climate: marine, tropical, industrial and polar
- Altitude: from sea level to 2000 m



Quantium 200T



- Optimized ergonomics
- Compact design
- Best-in-industry components
- Easy serviceability
- Low cost

The compact nature of the Quantum 200T makes it easy to install with minimal disruption to your station's layout. All components meet the most demanding safety and reliability requirements.

Base Models

- Standard speed delivery: 40 l/min. for VR and 50 l/min. for non-VR
- High-speed delivery: 80 l/min.
- Very high-speed delivery: 130 l/min.
- Up to two-product, two-hose
- LPG model

Standard Features

- Island-oriented
- EPZ suction pump (PAS V3 pump for very high speed applications)
- MA 26 meter
- Three-phase, 400V/50Hz motors (same for suction pumps and VR vacuum pumps)
- ZVA nozzle
- Elaflex hose 3.5m (black)
- Corrosion resistant chassis and panels
- WWC T1 calculator with LCD displays or mechanical register
- Control valves allowing two-stage configuration for preset applications
- Protocols: IFSF, Tokheim, EPS, ZSR, Dunclare, IFSF, 82D, EIN (JKR), M3000, Logitron, Tatsuno, Autotank, Kienzle.

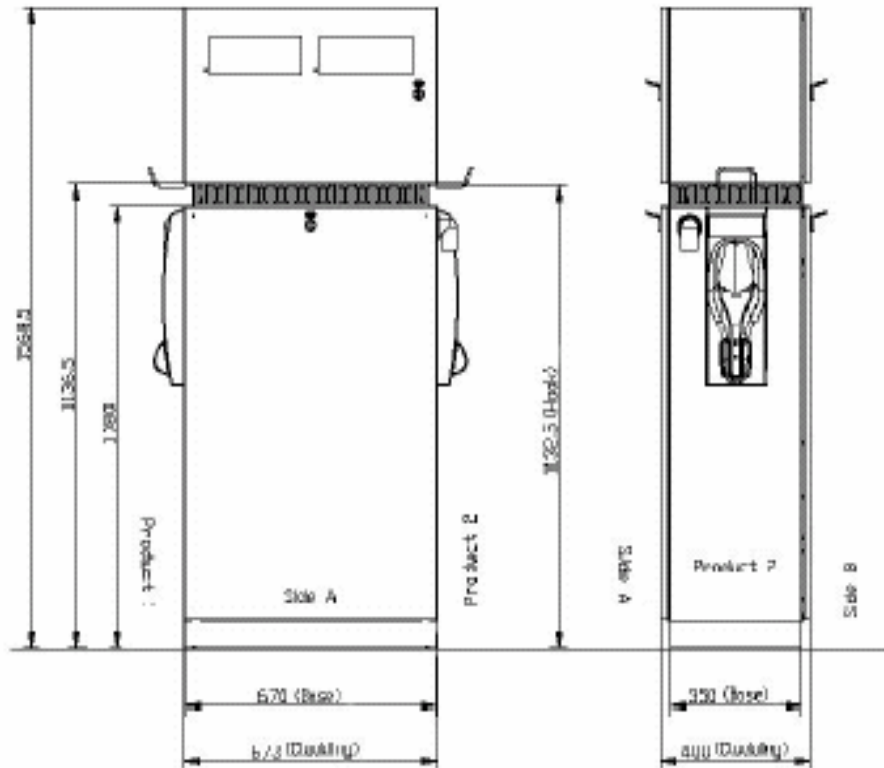
Key Optional Features

- Tokheim ECVR-OL
- GRVP
- Full range of nozzle options
- Full range of hose options
- Mechanical totalisers
- Nozzle mounted sight glass
- 40/80-l/min. speed selection
- Single-phase motor
- Second side display
- Spring mast
- Full range of stainless steel options
- Leak plate
- Programming switch
- Full range of livery options
- Breakaway couplings
- LPG options
- Preset keypad
- Submerged
- VR options
- Emergency manual pumping device

Environmental Conditions

- Ambient temperature: -25°C to +55°C for standard configuration
- Temperature of fluid: -25°C to +25°C
- Relative humidity: 5% to 95% non-condensing
- Climate: marine, tropical, industrial and polar
- Altitude: from sea level to 2000m

Dimensions





Quantium 300T



- Optimized ergonomics
- Compact design
- Best-in-industry components

Built using proven components, the Quantium 300T is an industry reference in terms of ergonomics and performance. The EPZ pump and the MA 26 meter device are twinned with the WWC T1 calculator at the heart of the configuration, making Quantium 300T the most reliable and best performing dispenser in its category. Its compact nature makes it easy to install with minimal disruption to your station's layout.

Base Models

- Standard speed (40 l/min.), one- and two-product.
- Very high-speed master (130 l/min.)
- Satellite
- High speed (80 l/min.), standard speed (40 l/min.) mono-product twin
- LPG one- and two-hose.

Standard Features

- Lane- or island-oriented, with a flexible mast hose
 - 1" ZVA nozzle with truck spout for very high speed (130 l/min.) and master/satellite models
 - Boesekoop nozzle for LPG
 - DN16 hose for standard speed non-VR models (Elaflex or Goodyear)
 - Coaxial European vapour recovery hoses for VR (Elaflex or Goodyear)
 - DN19 for high-speed non-VR models (Elaflex or Goodyear)
 - DN21 for very high-speed models (Elaflex) or DN25 (Goodyear).

system

- Three phase, 400V/50 Hz motors (same motor for suction pumps and VR vacuum pumps)
- Solenoid control valve (24V) allowing 2-stage (preset application) configurations
- Vapour recovery retrofittable
- Corrosion-resistant chassis and panels with built-in drip tray
- 3/4" ZVA automatic nozzle for standard speed (40 l/min.) & high speed (80 l/min.)

Optional Features

- Vapour recovery (upgradeable to the newly introduced Tokheim ECVR Self-Calibrating System)
- VR status LED
- Main safety switch
- Programming switch
- Single-phase motor
- Alternate lighted Ferranti-Packard display
- Display on one side only (for island models)
- Preset push buttons
- Preset keypad
- Indication lamps

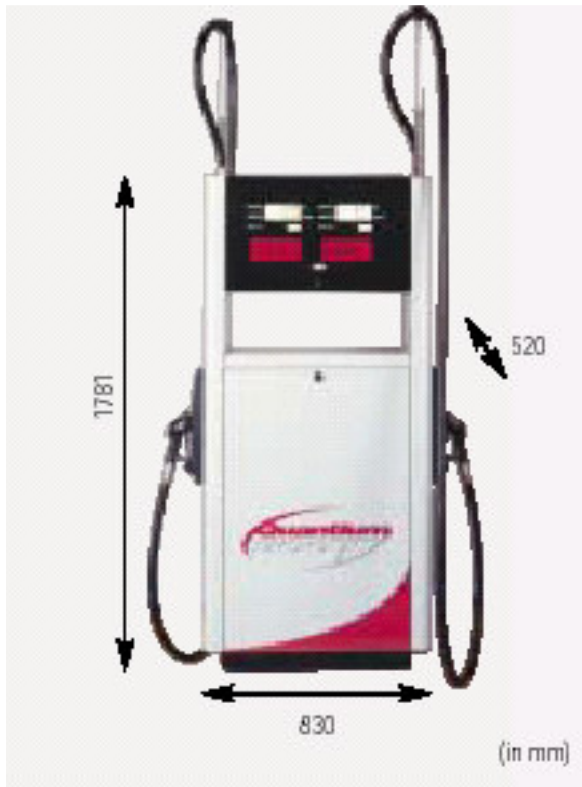
- Speaker
- IR remote control compatible
- Mechanical totalizers on pulser
- Electromechanical totalizers
- Full range of nozzle options
- Full range of LPG nozzle options (Elaflex, Nettuno, URG)
- Full range of hose options
- 40/80 speed selection
- Air vent

- Hydraulic inlet options
- Pressure feed
- Mouvex air separator
- Ground frame
- Rigid mast for hose: instead of flexible (non-VR models only)
- Ultra low temperature kit (-40°C)
- LPG without nozzle boot (nozzle in fender)

Environmental Conditions

- Ambient temperature: -25°C to +55°C for standard configuration
-40°C to +40°C with the Ultra Low Temperature kit.
- Relative humidity: 5% to 95% non condensing
- Climate: Marine, tropical, industrial and polar
- Altitude: From sea level to 2000m
- Viscosity of fluid: <math>< 10^{-4} \text{ m}^2/\text{s}</math>
- Temperature of fluid: -25°C to +25°C

Dimensions





Quantium 400T



The design of the Quantum 400T dispenser interfaces with a comprehensive set of peripherals and options (including payment terminals and multimedia devices) to offer levels of flexibility unmatched anywhere in the industry. Future proof solutions with full plug-in capability for downstream product enhancements mean that we can guarantee our customers best-in-industry technology now and going forward, not to mention the lowest possible ownership costs.

Base Models

- Standard speed (40 l/min.), one through four products
- Very high speed (130 l/min.)
- LPG one- and two-hose,
- Master + satellite
- High speed (80 l/min.) as one product within a multi-product (one through four products).

Standard Features

- Lane-oriented, with high hose handling
- Three-phase, 400V/50 Hz motors (same motor for suction pumps and VR vacuum pumps)
- Solenoid control valve (24V) allowing 2-stage (preset

application) configurations

- Vapour recovery retrofitable
- OPTimum ready
- Corrosion-resistant chassis and panels with built-in drip tray
- 3/4" ZVA automatic nozzle for standard speed (40 l/min.) & high speed (80 l/min.)
- 1" ZVA nozzle with truck spout for very high speed (130 l/min.) and master/satellite models.

Optional Features

- Vapour recovery (upgradeable to the newly introduced Tokheim ECVR-Self-Calibrating System)
- VR status LED
- Programming switch
- Single-phase motor
- Alternate lighted Ferranti-Packard display
- Preset push buttons
- Unit price display per product
- Product-indication lights
- Indication lamps
- Speaker

- Boesekoop nozzle for LPG
- DN16 for standard speed non-VR models (Elaflex or Goodyear)
- Coaxial European vapour recovery hoses for VR (Elaflex or Goodyear)
- DN19 for high-speed non-VR models (Elaflex or Goodyear)
- DN21 for very high-speed models (Elaflex) or DN25 (Goodyear)

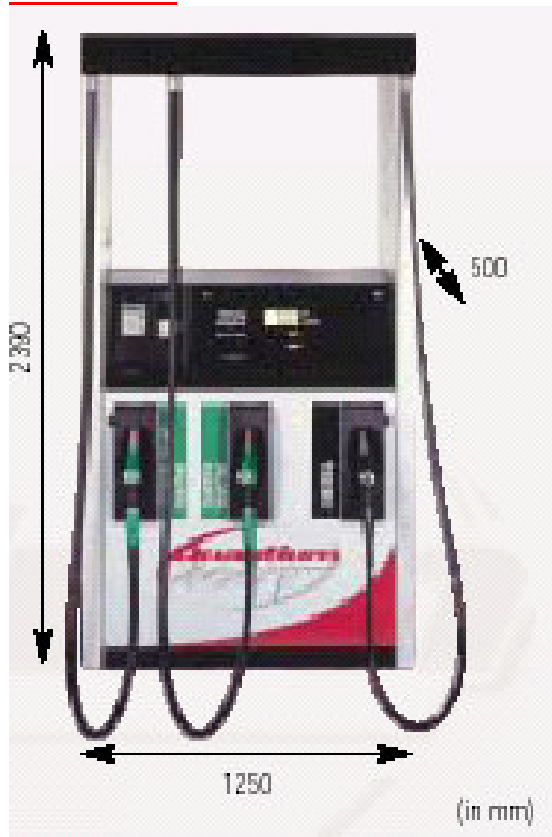
- IR remote control compatible
- Mechanical totalizers on pulser
- Electromechanical totalizers
- Full range of nozzle options
- Full range of LPG nozzle options (Elaflex, Nettuno, URG)
- Full range of hose options
- Air vent
- Hydraulic inlet options
- Pressure feed
- Mouvex air separator

- Ground frame

Environmental Conditions

- Ambient temperature: -25°C to +55°C for standard configuration
-40°C to +40°C with the Ultra Low Temperature kit
- Temperature of fluid: -25°C to +25°C
- Viscosity of fluid: $< 10^{-4} \text{ m}^2/\text{s}$
- Relative humidity: 5% to 95% non-condensing
- Climate: Marine, tropical, industrial and polar
- Altitude: From sea level to 2000m

Dimensions





Quantium 500T



In the ever-challenging environment of the retail petroleum industry, the need to improve the efficiency of service stations is a permanent objective. Customer satisfaction and loyalty are the priorities, and outstanding performance and service are the essential key to attaining them. The Quantium 500T fuel dispenser has been conceived as the best response yet to this challenge.

Base Models

- Standard speed (40 l/min.), one through four products
 - Very high speed (130 l/min.)
 - LPG one- and two-hose,
 - Master + satellite
 - High speed (80 l/min.) as one product within a multi-product (one through four products).
 - Multi-product dispensers with integrated" LPG

Standard Features

- Lane-oriented, spring-based hose retrieval mechanism
- Three-phase, 400V/50 Hz motors (same motor for suction pumps and VR vacuum pumps)
- Solenoid control valve (24V) allowing 2-stage (preset application) configurations
- Vapor recovery retrofitable
- OPTimum ready
- Corrosion-resistant chassis and panels with built-in drip tray.
- Boesekoop nozzle for LPG
- DN16 for standard speed non-VR models (Elaflex or Goodyear)
- 3/4" ZVA automatic nozzle for standard speed (40 l/min.) & high speed (80 l/min.)
- 1" ZVA nozzle with truck spout for very high speed (130 l/min.) and master/satellite models
- DN19 for high speed non-VR models (Elaflex or Goodyear)
- DN21 for very high speed models (Elaflex)

Key Optional Features

- Coaxial European vapor recovery hoses for VR (Elaflex or Goodyear)

- Vapor recovery (upgradeable to the newly introduced Tokheim ECVR -Self-Calibrating System)
- VR status LED
- Main safety switch
- Programming switch
- Single-phase motor: an alternative 230 V motor
- Alternate lighted Ferranti-Packard display
- Preset push buttons
- Unit price display per product
- Product-indication lights
- Indication lamps
- Speaker
- IR remote control compatible
- Mechanical totalizers on pulser
- Electromechanical totalizers
- Full range of nozzle options
- Full range of LPG nozzle options (Elaflex, Nettuno, URG)
- Full range of hose options
- 40/80 speed selection
- Air vent

Technical Assistance

Selecting the right pump may require more detailed information than presented. We can help you find the correct equipment to ensure the best performance possible for your specific application. Don't hesitate to contact us if you have a unique fluid-handling problem.

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