



TOKHEIM QUANTUM™ 510M FUEL DISPENSER

Designed by architects.
Built by you.





Building on excellence.

The Tokheim Quantum™ 510 fuel dispenser set the standard for industry-recognised quality and unsurpassed versatility. The **Quantium 510M** family of fuel dispensers builds on the solid foundation and reputation of its predecessor, adding a new line with new features, whilst staying true to what made the Quantum 510 fuel dispensers so impressive. Built with field-proven, high-quality components, each model in the Quantum 510M fuel dispenser range delivers lower TCO, greater future-proofing, and improved maintainability. This unique combination of Tokheim history, engineering, innovation and quality makes any Tokheim Quantum 510M fuel dispenser a sound investment for many years to come.

Advanced Calculation

Quantum fuel dispensers use a state-of-the-art calculator, minimal drift meter and field-proven electronic components to ensure that the dispenser is accurately calculating and delivering fuel to the customer. The addition of other options (including Automatic Temperature Compensation) add further reassurance that the fuel calculated is the fuel given.

Less Service, Less Hassle

Each Quantum fuel dispenser is uniquely built to individual customer specifications, using high-quality componentry and the latest quality practices. Every dispenser goes through stringent quality checks to ensure the product provided to the field is of the best quality: the lower the service intervention rate, the less hassle for the customer and the better total cost of ownership.

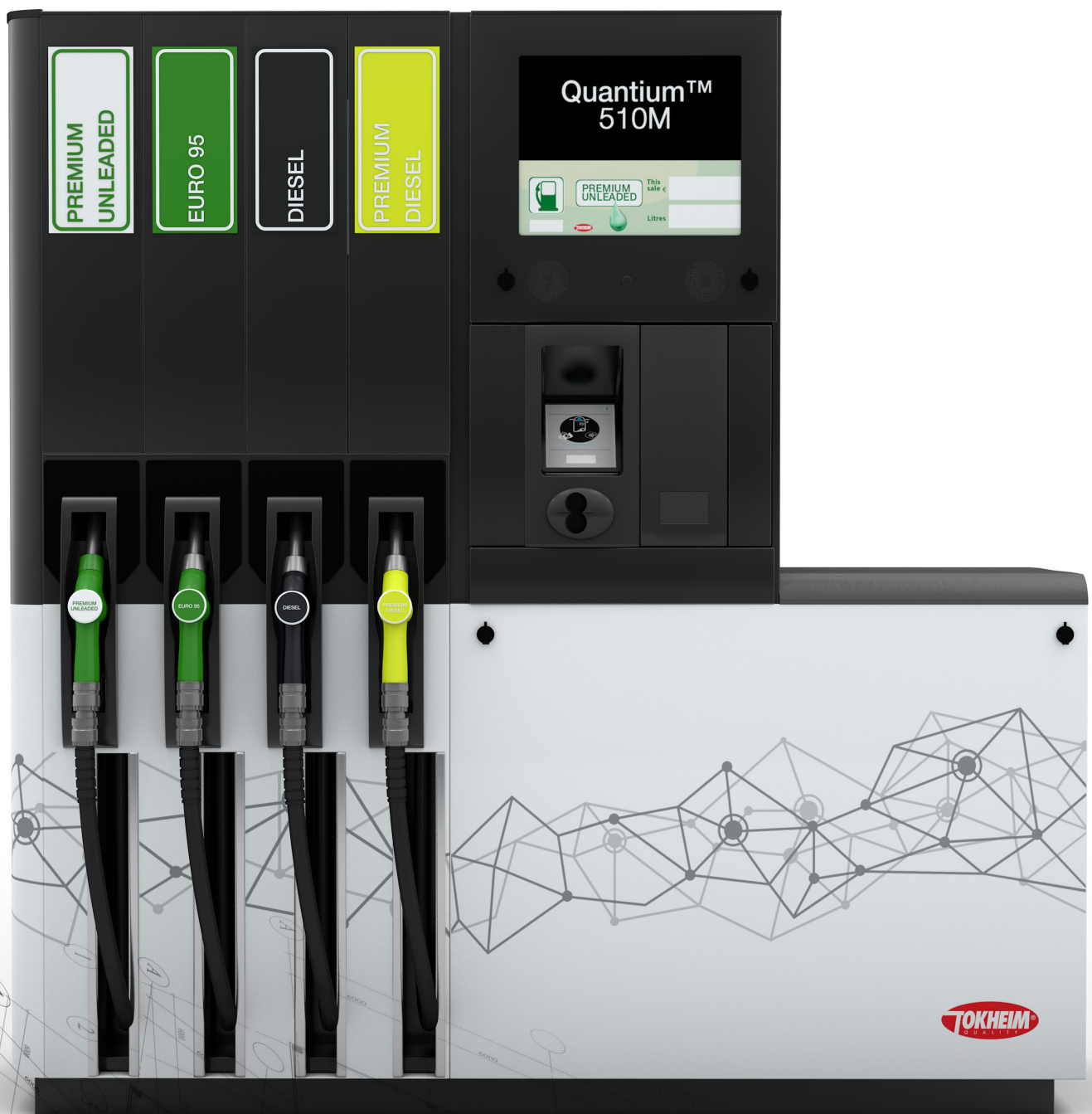


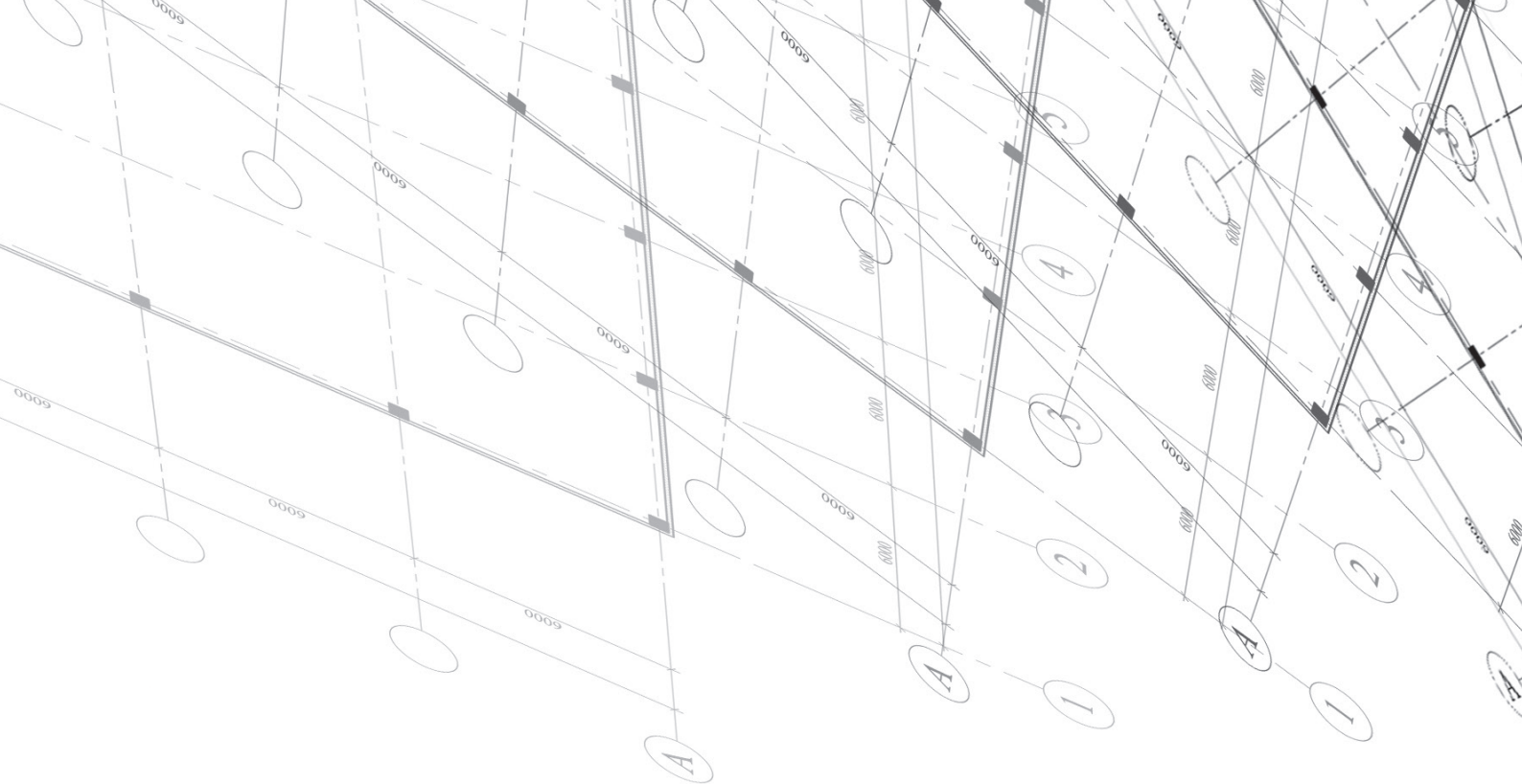
Redefining modularity

We understand that no two forecourts are the same. That's why we've made modularity an integral part of the new Quantum 510M dispenser range. Whatever the set-up of your forecourt, the Quantum 510M fuel dispenser is designed to meet your needs: we've broken down the enhanced features and created easy-fit modular packages, putting you in charge of building a completely bespoke model that's perfect for your forecourt. The Quantum 510M fuel dispenser gives you the freedom to choose the right level of functionality and deliver a first-class service to your customers.

We're putting you in the driving seat.
We've made you the architect.

Featuring the best in fuel dispenser technology





1 New larger head, as standard

The Quantum 510M fuel dispenser now comes with a larger head as standard across the range, allowing customers to easily upgrade from the typical LCD display to VGA media display. Unlocking the power of media to boost sales on your forecourt and in the store has never been easier.

2 Hose management, your way

The Quantum 510M fuel dispenser comes with a choice of hose management systems to suit the needs of all forecourt owners. The Full Hose Retraction (FHR) model offers excellent hose reach, easy retraction and total hose concealment when at rest. The Semi Hose Retraction (SHR) model brings a new cost-effective option to the range, with a higher hose point and good reach capability.

3 Improved maintainability

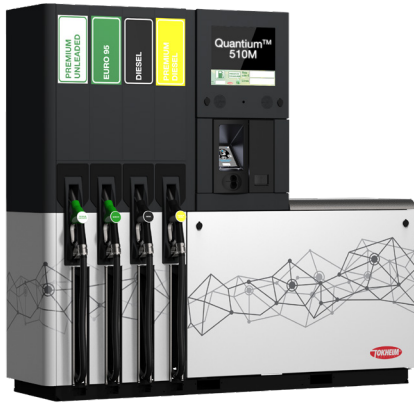
Compared to its predecessor, the Quantum 510M features many innovative modifications, such as double-bump piping to dramatically increase dispenser maintainability. The exclusive design of the double-bump connectors improves ease of access for maintenance purposes, and results in less component replacement and minimal down-time.

4 Enhanced LPG and AdBlue® dispensers

The Quantum 510M fuel dispenser range includes the Liquid Petroleum Gas (LPG) and AdBlue® models, which both now come with the larger head as standard. For the first time, the LPG dispenser is manufactured with semi hose retraction, whilst the AdBlue® fuel dispenser is now available as a four-hose model for a convenient and fast fuelling experience.

Introducing the Quantum 510M fuel dispenser range.

With four, industry-leading models, the Quantum 510M fuel dispensers are the perfect example of engineering excellence. Modular, reliable, safe and secure, you can be sure you are investing in a dispenser built to last.



Quantum 510M FHR (Full Hose Retraction) Fuel Dispenser

Stand out from the Crowd

The Quantum 510M fuel dispenser with full hose retraction builds on the same look and feel of today's Quantum 510 fuel dispenser but with the added benefit of a larger dispenser head, enabling an easy upgrade from LCD to VGA media display. The hoses are also completely encased, allowing site managers to maintain a sleek, professional and tidy forecourt, whilst improving the customer's refuelling experience.



Quantum 510M SHR (Semi Hose Retraction) Fuel Dispenser

Epitome of Value

The Quantum 510M fuel dispenser with semi hose retraction features innovative modifications such as double bump piping to dramatically increase dispenser maintainability. This model provides site managers with a cost-effective option and ensures they have a much wider choice when it comes to modernising their forecourts. Semi hose retraction will keep forecourts neat and tidy, whilst still providing ample hose reach for easy refuelling.



Quantum 510M LPG Fuel Dispenser

Quality and Reliability

With many LPG dispensers on the market, it can be difficult to know which one is best for your business. The Quantum 510M LPG fuel dispenser provides you with a safe, reliable and quality solution, whilst allowing you to benefit from all of the advanced features present in Quantum 510M fuel dispenser range. The semi hose retraction system assists customers with vehicle refuelling, making for a swift and effortless transaction.



Quantum 510M AdBlue® Standalone Fuel Dispenser

Practical and Stylish

The Quantum 510M AdBlue® Standalone fuel dispenser provides fast, accurate and reliable dispensing, straight to the customer's vehicle. Like the Quantum 510M FHR, this dispenser benefits from an automatic hose retraction system, which activates when the customer has finished fuelling, guiding the hoses back inside the dispenser for a sleek and compact look. The AdBlue® fuel tanks facilitate easy refuelling of all new-model diesel vehicles, contributing to a cleaner environment.

Technical specifications

Available Grades:	1-5
Available Nozzles:	1-10
Available Flow Rates:	40 LPM, 80LPM, 130LPM, 40/80 (dual speed)
Hose Management:	Full Hose Retraction, Semi Hose Retraction
Nozzle Reach:	FHR 4.2m, SHR 3.6m, AdB 3.6m, LPG 3.2m
Dispenser Orientation:	Lane (single or double sided)
Display Options:	6-6-4 LCD, 7-7-5 LCD, 17" VGA Media Screen
Vapour Recovery System:	Open Loop, Self-Calibrating
Automatic Temperature Compensation:	Available as an option
Pump Type:	Vane Pump (TQP-RS), Gear Pump (TQP-HS, CPU)
AdBlue Configuration:	Up to 4 nozzles, standalone and combo
LPG Configurations:	Up to 2 nozzles, standalone and combo
Customised Livery:	Suited to customer needs
Corrosion Resistance:	Operation up to C5-M corrosion category ISO 12944-2:1998 as standard (full operation in a C5-M environment may require additional treatment options) (excludes SHR, C5-1 category)
Operating Temperature:	-25c to +55c
Relative Humidity:	5-95%

The Tokheim Quantum 510M fuel dispenser line is available with an extensive range of options. Please contact your sales representative for full details.

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 or email us at tokheim@doverfs.com.

*As Dover Fueling Solutions regularly improves its Tokheim 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.

