Gallagher Fuel Systems PULSE range of fuel dispensers are an established and proven brand in the market.

Founded in 1939, Gallagher Fuel Systems has established a reputation spanning decades of being a leading manufacturer and supplier of products for the Fuel Industry.

Gallagher’s philosophy in system design underpins innovation, forward thinking, outstanding quality, and strongly reflects our commitment to long term customer satisfaction.

As our customer requirements have evolved so has the PULSE range. Listening to our customers has kept us on a constant journey of discovery.

Our commitment to Quality

In addition to adopting the LEAN principles, Marton factory has a computerised manufacturing process with an accredited ISO 9001 quality standard. We are certified to manufacture ATEX and IECEx equipment for use in hazardous areas.

Our fuel dispensers are designed for high performance and reliability. We employ innovative electronics, corrosion resistant metal work and the Tatsuno meter, recognised as one of the most accurate and cost effective systems in the world.

Gallagher Fuel Systems recognise that today’s market requires a modern fuel dispensing range that is streamlined and yet extremely flexible to suit any forecourt.

By sharing a modular design that is consistent throughout the range and the same user interface, the Gallagher PULSE range is simple yet brilliant.

**Investing time to fully understand what the future requires**

**Our Success is our People**

With more than 70 years experience in the fuel industry, our accumulation of knowledge and technical know-how has enabled us to provide a new range of fuel dispensers with the technology to take our customers well into the future.

**Built to Last**

In addition to meeting the long term technology demands of the fuel industry, the range has been in operation in some of the harshest environments with extremes in both Australia and New Zealand.

Our high end componentry and ISO 9001:2015 quality systems result in greater uptime and significantly reduces the total cost of ownership.

Our customers wanted more choice for flow rates, user interface options for media and payment, sophisticated vapour recovery, multiple fuels and Data Centre enabled. All these options are just a few of the many features included in the PULSE range.

Our dispensers are designed to meet the needs of any service station and can be integrated with other systems for a complete on-site solution.

**Accuracy provides the best ROI**

Our relationship with Tatsuno spans over 3 decades. The reliable Tatsuno meters allow us to produce the most accurate fuel dispensers we believe is possible. This exclusive arrangement is a key point of difference in today’s market with tight fuel margins and increasing competition.

**The Value of Customisation**

We truly understand the value of customisation. The modular and flexible design of the PULSE allows us to configure solutions to suit your specific environment and requirements.

**We set out to achieve a future proofed range that could do everything our customers ever wanted**

Table of Contents

| L Series | Models | 6 |
| C Series | Models | 11 |
| CS Q Series | Models and Hose Reach | 15 |
| User Interface Options | 18 |
| Display Options | 19 |
| Display Layouts | 20 |
| Holsters and Nozzles | 21 |
| Support and Services | 22 |
| Technical Specifications | 23 |

Accuracy provides the best ROI

Our relationship with Tatsuno spans over 3 decades. The reliable Tatsuno meters allow us to produce the most accurate fuel dispensers we believe is possible. This exclusive arrangement is a key point of difference in today’s market with tight fuel margins and increasing competition.

Our dispensers are designed to meet the needs of any service station and can be integrated with other systems for a complete on-site solution.
Which model best fits your business?

The modular design of PULSE dispensers provide the flexibility to customise a range of dispensers to suit the different areas of your forecourt.

We offer the choice of two base sizes for width, the “S” (small) and the “X” (large). The depth is consistent across the range at 540mm.

Our PULSE models have two User Interface (UI) cabinet sizes. The smaller UI cabinet houses the fuelling UI with all the configurable display options. The larger UI cabinet also provides space for integration of media, OPT, static advertising or extra brand space.

You can customise the type of display, extend the hose reach, increase the flow rates and choose the number of products.

Each order is built to your specific requirements and involves a full consultation on the fuelling display layout and branding application.

Each dispenser is extensively wet tested prior to packing and dispatch.

Capturing the practical functions of dispensing fuel and at the same time delivering a platform that enables you to add more options as your business requirements change.

### Options

<table>
<thead>
<tr>
<th>Options</th>
<th>LX</th>
<th>LS</th>
<th>CX</th>
<th>CS</th>
<th>CS Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrol, Diesel, E5, E10, E85</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LPG - Stand Alone or Integrated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+Blue - Is the Gallagher name for DEF (Diesel Exhaust Fluid)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispenser Only : MAX Products</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pump Only : MAX Products</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispenser Only : MAX Hoses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pump Only : MAX Hoses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose Retractor Option</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose Flexi-Arm Option (two lengths available)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydraulic Options (Pump/Dispenser/Mixed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base “X” or “S”</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simultaneous Delivery</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Options

<table>
<thead>
<tr>
<th>Options</th>
<th>LX</th>
<th>LS</th>
<th>CX</th>
<th>CS</th>
<th>CS Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Interface - Small</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User Interface - Large</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Configurable Grade Display</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combined Display</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Sided Hoses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flow Rate - Standard, Boosted, High, Ultra</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi Lane Hoses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade Confirmation Latch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spreader Option - Standard or Reduced</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapour Recovery - (VR Capable)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Centre Enabled - (Internet Connectivity)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Livery - Vinyl application and graphic design service</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**PULS pots Dispenser Range**

**LX 5 Product**

Complete fuelling option at every fuel point

**LS 4 Product**

Our smallest 4-Product L shape dispenser

**CS 2 Product**

Small 2 product with small UI and Flexi Arm

**CX 4 Product**

Maximising forecourt presence now and in the future

**CS Q Single Product**

Minimum format with extended hose reach
PULSE L Series

Streamlined and Contemporary

It's what our customers wanted

The L Series shape was inspired by our customers wanting a smart and contemporary looking dispenser. Available in two sizes, the LS has a smaller format. The larger LX is able to dispense up to 5 products.

Although a design focus was to provide a smart looking retail dispenser, the L series can also be used in a commercial environment.

Practical hose arrangement

The ability to hide the hoses is not only practical and safe, but adds to the overall streamlined look and feel of the forecourt.

Improving forecourt visibility

The L series design allows good visibility through the forecourt and provides a safer and more secure environment for your customers and site staff.

PULSE LX 5-Product Dispenser

1. Option of a retracting hose system.
2. Integrated LPG or +Blue in position one.
3. Flow rate for diesel can be boosted with the press of a button.
4. Large User Interface provides space for brand, advertising, display monitor or payment terminal.
5. Modular construction.
6. 5 year corrosion protection warranty on all exterior panels.
7. Highly accurate Tatsuno meter with 3 year warranty.
8. Pressure fed dispenser, pump and mixed models available.

With a large User Interface and modular construction, this dispenser model at only 2100mm for 5 product is very economical with forecourt space.

L Series Models

L Hose Column Flexible Construction

The hose column footprint varies in size to meet your specific product requirements. The holster/hose modules do not change with the integration of LPG or +Blue (DEF).

Specific hydraulic footprints are available for every model of PULSE, that show inlet size, position and the height within the hydraulic compartment.

Pulse L Series Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Dispenser Height</th>
<th>Height of UI</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS1PD</td>
<td>1120mm</td>
<td>1700mm</td>
</tr>
<tr>
<td>LS2PD</td>
<td>1280mm</td>
<td>1564mm</td>
</tr>
<tr>
<td>LS3PD</td>
<td>1440mm</td>
<td>1780mm</td>
</tr>
<tr>
<td>LS4PD</td>
<td>1600mm</td>
<td>1940mm</td>
</tr>
<tr>
<td>LX1PD</td>
<td>1120mm</td>
<td>1700mm</td>
</tr>
<tr>
<td>LX2PD</td>
<td>1280mm</td>
<td>1564mm</td>
</tr>
<tr>
<td>LX3PD</td>
<td>1440mm</td>
<td>1780mm</td>
</tr>
<tr>
<td>LX4PD</td>
<td>1600mm</td>
<td>1940mm</td>
</tr>
<tr>
<td>LX5PD</td>
<td>2100mm</td>
<td>2150mm</td>
</tr>
</tbody>
</table>

Available in two sizes, the LS has a smaller format. The larger LX is able to dispense up to 5 products.
Improving the forecourt experience for your customers

The modular design allows further hose extension by choosing the retractor hose system.

Selection of L Series Models with a consistent depth of 540mm

L Series Hose Reach

The high pivot point available in the L Series achieves an excellent hose reach.

Hose reach is important, just ask your customers

Hanging Hose
The hose reach provides good access around the rear of your customer’s car or over their SUV.

Retractor Hose
The L Series retractor hose system ensures a hose reach of up to 4.0 metres. The hose module has offset slots to help retain visibility across the forecourt.
L Series Branding Options

Build your own forecourt brand recognition with the larger canvas

Fuel dispensers with graphics that accurately reflect your brand values will attract both new and existing customers.

Fuel Grade decal conveniently placed above product holster

Nozzle fuel grade octane roundels for product awareness

Point of Promotion space for Vinyl decal, Media screen, Ad window or Card payment system

Hydraulic cabinet offers large company brand impact

For more information regarding branding space and dimensions contact:
Gallagher Fuel Systems Sales Order Management (SOM) team:
EMAIL: fuelsystems.som@gallagher.com

PULSE C Series

Maximum brand - Minimum footprint

The C Series design provides maximum brand space and minimum footprint, without compromising functionality.

Also available in two sizes, the CS has a smaller format for lower tier sites. The CX is larger and able to dispense more products.

1. Spreader Options – Large, as shown in this example that offers more brand space. Or reduced for a smaller profile where there may be existing canopy advertising.

2. Large dual media display can be supported under the spreader.

3. Concealed hose column for improved forecourt vision.

4. Flow rate for diesel can be boosted with the press of a button.

5. Large User Interface provides space for brand, advertising, display monitor or payment terminal.

6. Easy lift nozzles with hose drape close to the body of the pump.

7. Pressure fed dispenser, pump and mixed models available.

8. Highly accurate Tatsuno meter with 3 year warranty.

9. 5 year corrosion protection warranty on all exterior panels.

10. Small footprint design for 1-4 products.

The CS Q is another variant of the C models and has a strong commercial focus.

The C shape also offers good vision across the forecourt and fits where there is restricted column space.

Having its own in built spreader offers alternative advertising space.
C Series Models

Selection of C Series Models with a consistent depth of 540mm

- **CX 4-Prod Spreader Enhanced UI**
- **CX 3-Prod Spreader Enhanced UI**
- **CS 2-Prod Spreader Fuelling UI**
- **CS 1-Prod Spreader Fuelling UI**
- **CX 4-Prod Reduced Spreader**
- **CX 3-Prod Reduced Spreader**
- **CS 2-Prod Reduced Spreader**
- **CS 1-Prod Reduced Spreader**
- **CX 2-Prod Flexi-Arm Enhanced UI**
- **CS 2-Prod Flexi-Arm Fuelling UI**
- **CS 2-Prod Flexi-Arm Enhanced UI**
- **CS 1-Prod Flexi-Arm Fuelling UI**

C Series Hose Reach

Flexible hose options

- **Hose Hanging options**
  - **A** Hanging Hose
    The easy to maintain hanging hose allows a higher attachment point for greater reach.
  - **B** Flexi-Arm
    The tried and proven Flexi-Arm suspension system with a great hose reach.
  - **C** Retractor Hose
    Spreader models can have the hose retraction system that ensures a hose reach of up to 4.5 metres. The narrow column and space under the User Interface helps to retain forecourt visibility.

Better access over larger vehicles

Hose Hanging options

- **A**
- **B**
- **C**

Flexible hose options

- **3.8**
- **4.2**
- **4.5**
C Series Branding Options

Branding capabilities that raise the standard

Gallagher brings another series of pumps and dispensers to the market with a core focus on its ability to drive the site brand. The C Series offers integrated image enhancements, while providing fuel and in-store promotional space.

- Perfect position for pump numbers with non-canopy sites
- Fuel Grade decals above product holster
- Point of Promotion space for Vinyl decal, Media screen, Ad window or Card payment system
- Large end-panel for wrap-around branding or fuel point numbers
- Large spreader allows for brand integration, illuminated signs, down lights and speakers
- Additional space here for branding or vinyl messages such as warning information
- Hydraulic cabinet offers large impact of company brand impact
- Branding capabilities that raise the standard

The structure also allows for pump media promotion boards and TV concepts.

The C Series is a prime example of a customisable canvas that gives the owner more promotional options than any other dispenser on the market.

For more information regarding branding space and dimensions contact:
Gallagher Fuel Systems Sales Order Management (SOM) team:
EMAIL: fuelsystems.som@gallagher.com

CS Q Series

Flexible to suit any forecourt layout

The newest addition to the PULSE range are the CS Q models. With a commercial focus, the CS Q will utilise every inch of the forecourt and provide all the functionality required for a commercial environment.

- The ability to simultaneously deliver product from up to 4 hoses at the same time including DEF (Diesel Exhaust Fluid) offers a one stop fuelling service for larger commercial customers.

- Flexible to suit any forecourt layout
- For more information regarding branding space and dimensions contact:
  Gallagher Fuel Systems Sales Order Management (SOM) team:
  EMAIL: fuelsystems.som@gallagher.com
CS Q Models and Hose Reach

CS Q - The premium workhorse of the PULSE range

With an 840mm base, a slim column has been created for both the single or dual column version of the CS Q.

CS Q models are available with up to 4 hoses.

Dual Column

Single Column

CS Q Superior Hose Reach

These models have the option of the Extended Flexi-Arm to increase the hose reach even further.

CS Q Series Branding

CS Q Superior Hose Reach

These models have the option of the Extended Flexi-Arm to increase the hose reach even further.

Consistent Brand Space

The CS Q provides a great canvas for featuring fuel products and company branding.

This model can be used to bring commercial functionality to the retail area of the forecourt.

Using the “Combined” display would allow this space for advert, media, card payment system or brand space.

Fuel Grade decal above holster can be placed as a strip or a wrap around as shown here.

Nozzle fuel grade octane roundels for product awareness.

Additional space here for Pump ID, branding or vinyl messages such as warning information.

Hydraulic cabinet offers company brand impact.

End-panel for wrap around branding or fuel point numbers.

For more information regarding branding space and dimensions contact:

Gallagher Fuel Systems Sales Order Management (SOM) team:
EMAIL: fuelsystems.som@gallagher.com
User Interface Options

The User Interface is available in two sizes across the range varying in width only. The large UI has space for advertising, OPT (Outdoor Payment Terminal) or media integration. The smaller “Fueling” UI, houses the fuelling display window only. The UI cabinet itself provides protective housing for the electronic components and easy access for servicing.

**Enhanced**
This larger User Interface has a blank area next to the fuelling display for vinyl branding. This external area is 380mm x 345mm.

**Payment**
This UI provides a safe area for OPT integration. The external OPT space is 380mm x 345mm.

**Media**
This UI has a safe area for media integration and a display screen. The display mounting space available is 230mm x 305mm.

**Advert**
Provides a clear advertising sleeve to insert promotion and advertising material. The visible window space is 260mm x 316mm.

**DGD**
This Dedicated Grade Display (DGD) has a separate display for each hose position. Essential for dispensers that can deliver fuel from up to 4 hoses at the same time.

**Fueling UI**
This smaller UI is economical on space. The cabinet itself is 350mm x 400mm.

The User Interface is available in two sizes across the range varying in width only. The large UI has space for advertising, OPT (Outdoor Payment Terminal) or media integration. The smaller “Fueling” UI, houses the fuelling display window only. The UI cabinet itself provides protective housing for the electronic components and easy access for servicing.

**Design the layout that works for you**

As with other PULSE features the configurable displays are about providing choice and consistency.

You can ensure the same display options are in all your dispensers providing your customers with confidence to operate.

All PULSE models include the ability to select the number, type and position of grade displays that you require.

Display Options

**Key pad always central providing a consistent customer interface**

Twelve keys for presets and use by service agents

Large “Stop Delivery” button will stop the fuel delivery

You can choose the number of displays you require for each dispenser

**Ability to display messages such as “FLUID ALARM”**

Small two-line LED backlight price displays

Twelve keys for presets and use by service agents

Large “Stop Delivery” button will stop the fuel delivery

Custom Preset can be displayed in different locations

Large three-line LED backlight display

Small displays can be configured to show: “PRESET”, “TOTES”, “VR2 ACTIVE”
Display Layouts

Examples of choices for layouts

This page shows some great examples of the flexibility of the displays and how they can be configured to suit your requirements.

Presets can be configured to display here

This “Combined” display layout allows for two independent displays and room for third party integration

Able to display specific messages to customers or service agents

The configurable displays allow for clear communication to customers and service technicians regarding the status of the dispenser as shown in the examples below. The orange backlight makes it easy to read.

Up to 4 display lines

Your choice of simple messages can be shown on the orange LCD displays.

Holsters and Nozzles

Diesel

Standard diesel holsters can be supplied with a “Grade Confirmation Latch” to more clearly identify diesel from other fuels.

Boosted or Ultra flow diesel

A boosted flow is activated with the simple press of a button. Repeat presses of the button will toggle the flow rate. An orange LED flashes slowly for normal flow and fast for boosted flow. The flow setting always returns to the lower, standard flow for the dispenser on hose hang up. In the retail zone a boosted diesel flow rate can be achieved with the standard 3/4” nozzle without the need to use the larger 1” diesel nozzle that will not fit in most non-commercial vehicles. The achievable boosted flow rate is dependent on the type of nozzle, hose and the site hydraulic infrastructure.

+Blue

+Blue is the Gallagher name for DEF (Diesel Exhaust Fluid). +Blue holsters can be supplied with a grade confirmation latch.

Grade confirmation flap

For +Blue the optional flap acts as an additional misfuelling deterrent.

Grade confirmation latch

Misfuelling events are minimised with the use of a brightly coloured, spring loaded grade confirmation latch fitted to the holsters prompting the customer to consider the fuel type.

Holsters and Nozzles

Able to display specific messages to customers or service agents

The configurable displays allow for clear communication to customers and service technicians regarding the status of the dispenser as shown in the examples below. The orange backlight makes it easy to read.

Up to 4 display lines

Your choice of simple messages can be shown on the orange LCD displays.

Configurable area

The 1” diesel hose and nozzle to achieve optimal flow for high or ultra delivery situations.

Boosted or Ultra flow diesel

A boosted flow is activated with the simple press of a button. Repeat presses of the button will toggle the flow rate. An orange LED flashes slowly for normal flow and fast for boosted flow. The flow setting always returns to the lower, standard flow for the dispenser on hose hang up. In the retail zone a boosted diesel flow rate can be achieved with the standard 3/4” nozzle without the need to use the larger 1” diesel nozzle that will not fit in most non-commercial vehicles. The achievable boosted flow rate is dependent on the type of nozzle, hose and the site hydraulic infrastructure.

+Blue

+Blue is the Gallagher name for DEF (Diesel Exhaust Fluid). +Blue holsters can be supplied with a grade confirmation latch.

Grade confirmation flap

For +Blue the optional flap acts as an additional misfuelling deterrent.

Grade confirmation latch

Misfuelling events are minimised with the use of a brightly coloured, spring loaded grade confirmation latch fitted to the holsters prompting the customer to consider the fuel type.

VR2 hoses and nozzles are specialist models only used for petrol grades excluding E85.

The PULSE breakaway couplings at the base of the nozzle. Both the L and C Series use straight line breaks.

Take your choice of standard colours for the nozzle boot and splash guards from the Elaflex range.
Support and Services

Artwork and Vinyl
The custom finish includes the application of vinyl artwork to develop your custom fuel dispenser branding package.

The vinyl graphics can be applied prior to dispatch and have the added advantage of making it easy to change or refresh the brand image at a later date.

Our forecourt graphic solutions and designs are based on decades of experience.

Sales Support
When you contact the Gallagher SOM (Sales Order Management) team you will instantly be greeted with our customer inspired friendly team members.

As well as providing a highly efficient parts supply service, we pride ourselves on our product knowledge and timely responses. No query goes unanswered.

Building enduring partnerships is the key to our success.

Technical Support
Nothing is a problem for our friendly and efficient technical support team. Keeping our service partners informed with new products and technologies is a priority for them. They ensure product release and change information is regularly sent to our agents who also have 24/7 access to online manuals, video training modules and warranty status.

As well as phone support we provide direct access to our design engineers for help with repair and maintenance. Our agents also have the opportunity to contribute to product development.

Firmware updates are made available to ensure all products and components benefit from the latest features.

Gallagher are proud of the level of support and commitment we provide to our customers.

Technical Specifications

L & C Series

<table>
<thead>
<tr>
<th>Specification</th>
<th>L Series</th>
<th>C Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydraulic Module</td>
<td>2 hoses per product connection to underground piping</td>
<td>2 hoses per product connection to underground piping</td>
</tr>
<tr>
<td>Suction System</td>
<td>1 pump &amp; motor per product</td>
<td>Dedicated motor for each product hose/nozzle</td>
</tr>
<tr>
<td>Suction head limit 4.0m/petrol</td>
<td>100 kPa – 350 kPa max (MUST NOT exceed 350 kPa)</td>
<td></td>
</tr>
<tr>
<td>Pressure System</td>
<td>Submersible pump (STP) in the remote fuel tank - controlled from on-board AC Control system. Minimum 1 STP/product</td>
<td></td>
</tr>
<tr>
<td>Delivery Flow Rate</td>
<td>Standard up to 40L/min</td>
<td>Standard nozzle with reduced spout (50L/min target)</td>
</tr>
<tr>
<td></td>
<td>Boost button up to 60L/min</td>
<td>Standard nozzle with diesel spout</td>
</tr>
<tr>
<td></td>
<td>Diesel High Flow up to 80L/min</td>
<td>Nozzle 25mm</td>
</tr>
<tr>
<td>Metering</td>
<td>Tatsuno FM1007 Flowmeter</td>
<td>PEC Two wire 12V parallel system</td>
</tr>
<tr>
<td>Air Separation</td>
<td>Tatsuno FP1001 Pumping Unit</td>
<td>Gilbarco Australia Two wire current loop system</td>
</tr>
</tbody>
</table>

Electronic System

All electronic components located in the hazardous areas hydraulic cabinet and hose storage area are intrinsically safe

All other electronic components are located in the non-hazardous area within the User Interface

Display
Total Price 7 Digit Transflective backlit LCD. Limited to MAX $9990.00 by POS protocols

Total Volume 7 Digit Transflective backlit LCD. Limited to MAX 9990.00 litres by POS protocols

Preset 5 or 6 Digit Transflective backlit LCDs. Limited to MAX 9990.00

Unit Price 5 Digit Transflective backlit LCDs

Tote Digital 8 digit totaliser for total volume per hose (optional)

Electro Mechanical 7 digit totaliser for total volume per hose

Pulsar 88918/07434 Intrinsically safe pulse, IECEx certified Ex ib

Forecourt Communications PEC Two wire 12V parallel system

Gilbarco Australia Two wire current loop system

Electrical System

Motor Elnor 750W IECEx certified Ex d single or 3 phase option

Solenoid/Valves ASCO 24VDC proportional solenoid valve. IECEx certified Ex m

Temperature Range -10°C to +50°C

Electrical Requirements 220-240 VAC

Mechanical System

Hose Elaflex 16mm AS 2683 compliant

High Flow Hose Elaflex 21mm or 25mm AS2683 compliant

High Flow Switch Illuminated button available on all models with diesel

Nozzle Elaflex ZVA Automatic Nozzle ZVA Slimline 2 / ZVA25

Dry Break couplings ZVA 5S816 Safety Swivel Break at Nozzle

MAX No. of Products Dispensed L Series: 5 per side C Series: 4 per side

Ethanol, LPG, Biodiesel and DEF capable Yes Limits. Ethanol up to E10 or E85. Biodiesel up to B20

Vapour Recovery option Yes. Central or Integral with Elaflex VR Hoses and Nozzles

Retractor Systems L Series: Reach: 4.0m Retractor Slide activates at 3.3m

C Series: Reach: 4.5m Retractor Reel activates at 3.8m