



Dispenser Technology – Wayne Century 3

Product Enhancements

Apr-2022

DFS *Worldwide* Brands

Wayne
FUELING SYSTEMS

OPW
FUEL MANAGEMENT SYSTEMS

ClearView
DISPENSER TECHNOLOGY

TOKHEIM

ProGauge

fairbanks

WE
ARE

OUR VALUES

A Collaborative
Entrepreneurial Spirit

Winning
Through Customers

Engaging
in High Ethical
Standards, Openness
and Trust

Fostering
Expectations for
Results

Respecting
and Valuing People



WE
ARE

OUR VISION

Enabling the
evolution of
consumer
experience in
fueling and
convenience retail.



WE
ARE

OUR MISSION

A leading global
provider of
advanced
customer-
focused
technologies,
services and
solutions in the fuel
and convenience
retail industries.



WE
ARE

OUR CULTURE

A team committed to
doing great things,
collaborating to
deliver exceptional
business results for
our customers. We
are accountable,
results driven and
create value, through
innovation,
continuous
improvement and
execution excellence.



WE
ARE

**CULTIVATING
EXCELLENCE**

Aligned

Accountable

Engaged

Problem Solvers

**Customer-
Centric**

**Celebratory in
Success**

**Execution
Champions**



Meet Century 3

Product Enhancements

Our Innovative Wayne Technology Re-Imagined



Century 3

Levering decades of hydraulic innovation, we have re-imagined the Global Century model and designed a new robust fuel pump in a compact design.

We offer a robust framework, strong corrosion protection, quality components and exceptional modularity to meet the configuration requirements for any site or application.

Reliable Performance through Technology Leadership offering Exceptional Modularity and Configuration Flexibility

- Superior technology and long-lasting quality from field-proven best of the best componentry, robust design and corrosion resistant materials ensuring durability and reliable performance
- Exceptional modularity with models for wide range of fluids, flow rates and options to suit any application, offering a robust design for reliable performance in a small footprint
- Robust reliable design that provides accurate metering and a long life with less service interventions for low total cost of ownership.





Leveraging best of the best components and decades of hydraulic innovation DFS has designed a compact fuel pump with a robust framework, strong corrosion protection and exceptional configuration modularity to offer unrivalled reliability for high-flow applications

Designed for High Capacity Fueling

- Our robust design using the DFS high capacity pumping unit is designed for powerful reliable performance metering and delivering fuel at very high and ultra high flow rates.

Built for Reliable Performance

- Long-lasting quality using a robust framework and field-proven componentry and quality materials treated with our industry leading corrosion protection for durable reliability.

Our Robust Design, Quality Materials and Best of the Best Components ensures Reliable Performance for Superior Nozzle Availability and low TCO

- Reliable electronics and certified metering accuracy from field-proven technology delivering exceptional stability for minimal meter drift
- Robust hydraulic system with field-proven gear pump technology and quality materials for excellent fluid compatibility delivering reliable performance for superior nozzle availability
- Ready for optional IoT technology connecting the fuel dispenser to the cloud and our powerful DX Platform for advanced remote management capabilities for low TCO



Century 3

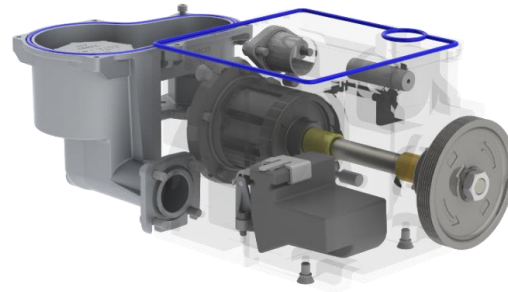
What's New?

Improved hydraulic system based on field-proven best of the best gear-pump technology in new arrangement for reduced vibration & noise with same reliability & performance

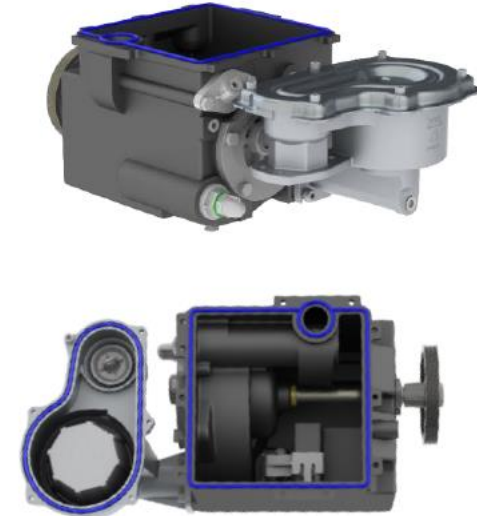
■ New stack arrangement



■ New cast-iron pulley & self-tensioning belt system



■ New sealed connection



■ Improved TCO with reliable performance and reduced wear & tear

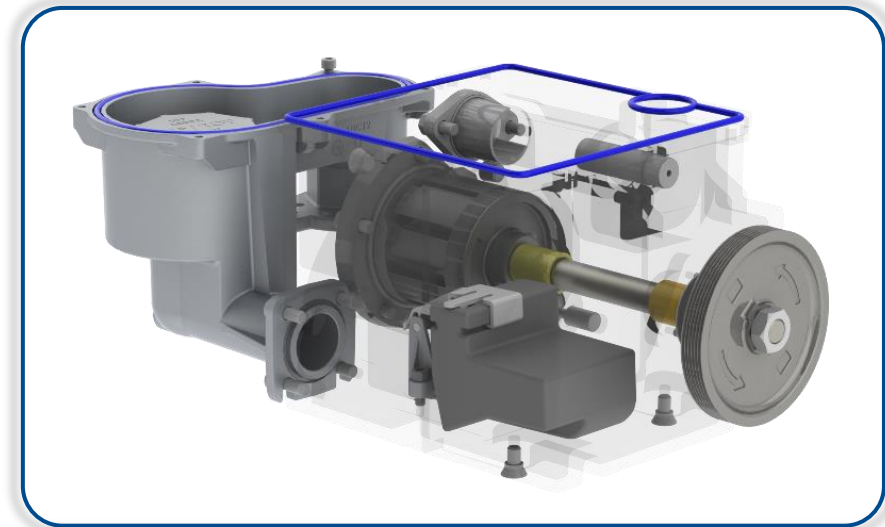
Our field-proven best of the best gear pump technology offer more efficient fueling with less noise and reduced risk of leaks compared with competitive designs

Less vibration & noise

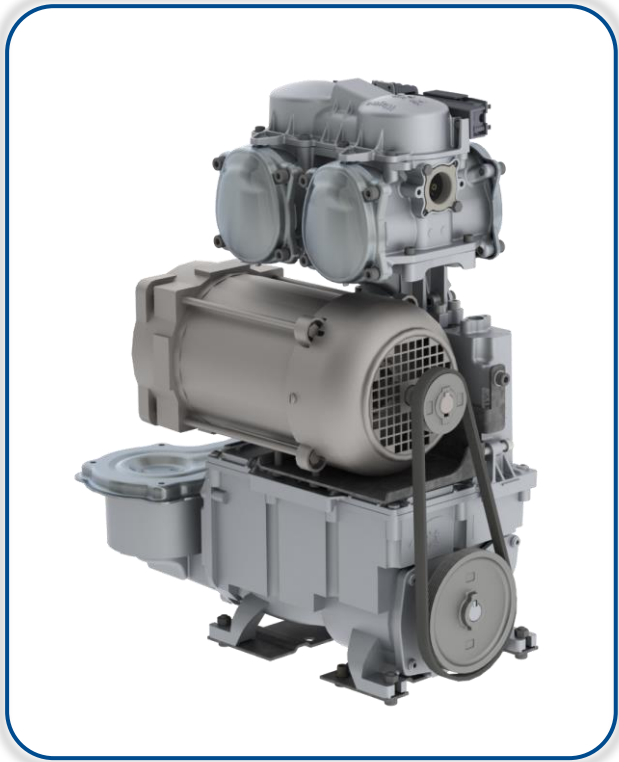
- Gear pump cause less vibration than vane-style pumps resulting in less noise and less vibration, reducing the risk of leaks caused by vibration strain on tube assemblies and bracketry. Our design offer additional stability from the positioning of the pumping unit below the motor for a lower point of gravity.

Versatility for all fuel types

- Our hydraulic system is designed with quality materials incl fluor silicone seals for excellent fluid resilience for durability with all fuel types in a broad range of temperatures.



Designed for high-capacity flow using positive displacement gear pump technology for reliability and lowest TCO.



- **Designed for reliability in all conditions**

Robust versatile design with superior lifetime performance from durable materials and high-quality componentry including fuel resistant seals compatible with a broad range of fuels for reliable performance in a wide temperature range

- **Optimal performance from maintenance free design**

Compact self-lubricating design with guided path for moving parts to avoid wear for enduring operation. Engineering excellence with less operational vibration from aluminum housing, cast-iron pulley and self-tensioning belt technology for minimal wear and easy maintainability.

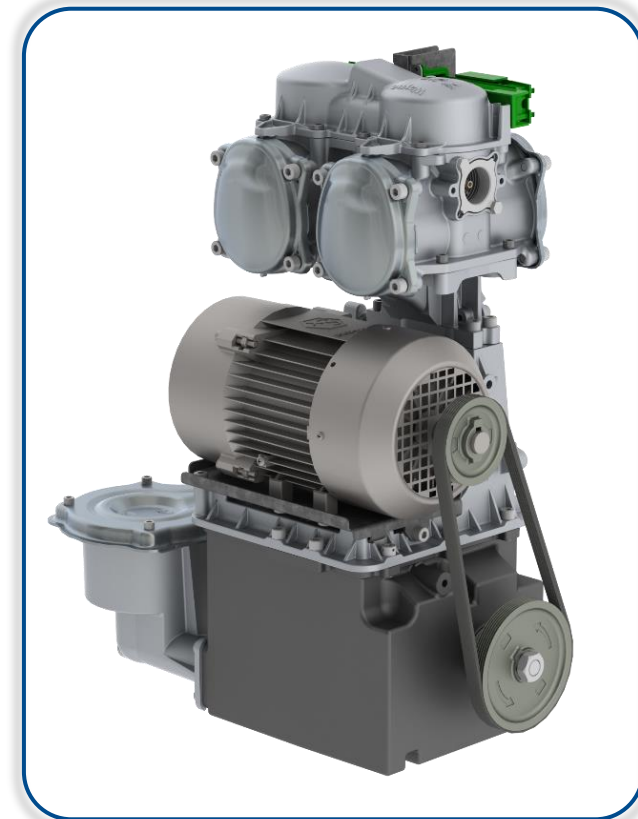
DFS is standardizing on gear pump technology for both retail and high flow capacity dispensers, as gear pump technology offers better durability and reliability than vane-style pumps, offering superior performance and low TCO

Maintenance free design

- Our maintenance free self-lubricating gear pump has guided path for moving parts to prevent breakdown and repairs. No blade to replace from wear as gear pumps avoids the friction between the housing and the blade seen with vane-style pumps.

Self-tensioning belt

- Engineering excellence with less operational vibration with cast-iron pulley and self-tensioning belt that reduces heat from belt friction for minimal wear to ensure durability.



Improved stage II vapour recovery (VR2) system with direct drive form combined motor and pump unit, eliminating belt used on alternative system, avoiding wear & tear for low TCO



Electronic Vapour Recovery (EVR)

- Robust field-proven electronic VR2 system to ensure environmental compliance from reliable vapour recovery performance.



Self-Calibrating Electronic Vapour Recovery (SC-EVR)

- Field-proven VFM technology providing an automatic vapour recovery monitoring system that continuously checks the recovery performance and proactively regulates the vapour flow in a closed loop system to ensure compliance with environmental codes.



Available with hose hook or hose mast to keep hoses off the ground for safe operation

■ **New Hose Mast Design**

Re-imagination of our innovative field-proven hose mast design using bungee-cord for same flexibility of reach as spring masts, but with much less force required to obtain long hose reach.

■ **Long Hose Reach**

Available with 4-meter reach with both mast and hose hook options, or even longer reach with hose hook fitted with extended hoses.

**Wayne technology in a small footprint
Suited for both retail & commercial
sites with wide range of flowrates**



Available also for
alternative fuel AdBlue or LPG

Century 3

Orientation: Island or Lane (Dual-sided or Single-sided)

Hydraulic System: Suction or Remote Pressure

Grades available: 1 or 2

Nozzles available: 1, 2 or 4

Flow Rates^a available: 40, 40-70, 70, 120 or 180 LPM

Hose Reach: 4.0m with Mast, 4.0m as standard with Hook

Electronics: iGEM pump computer

Metering: P-Meter (Piston). Optional ATC

Vapour Recovery: EVR or SC-EVR options

Options: Extensive range of optional extras available

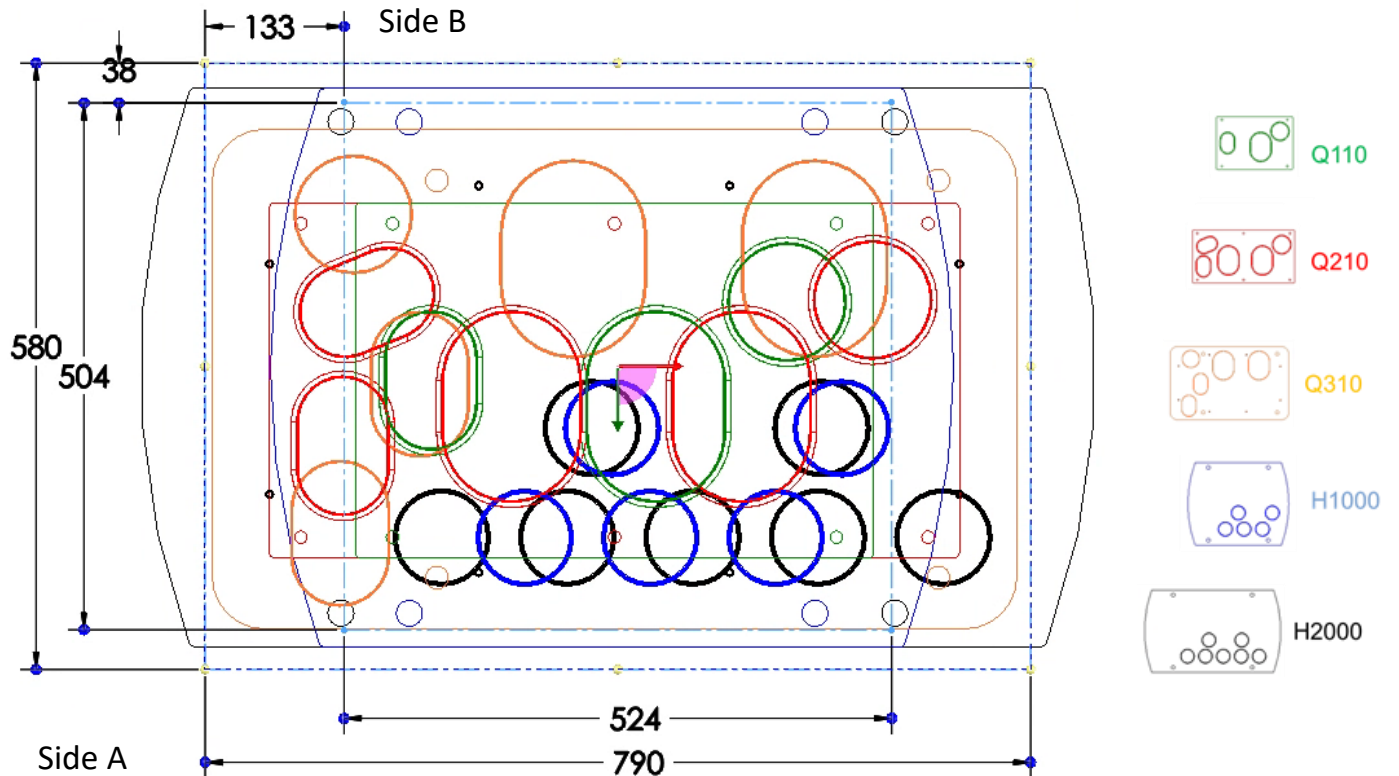
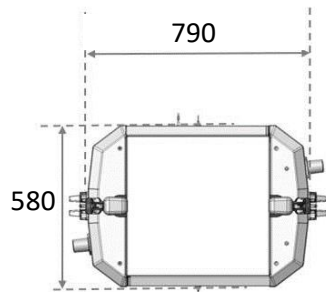
a) Flow rates are indicative as actual flow rates depends on the underground fuel installation. Actual flow rates can vary +/- 10% from nominal flow rates.

	Length	Width	Height
C3 1-X-X	790	580	1424 ^b
C3 2-X-X	790	580	1424 ^b

b) Height: Hose Hook 1424mm, Hose Mast 2136mm

New hydraulic stack standardizes on the positioning of inlets

- Improved height underneath stacks for connection to riser pipework



Century 3 has a compact footprint for easier fit wherever you need it

■ Helix 1000

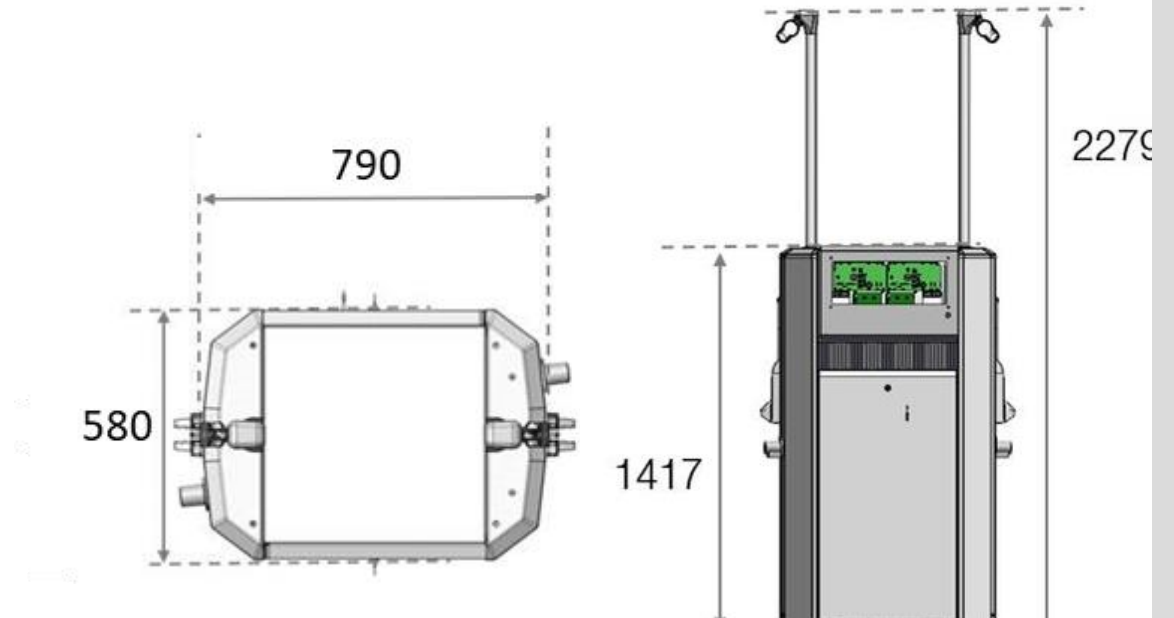
Configuration	Height	Length	Width
1-2	Hook: 1480 Mast: 2342	666	599
2-2			

■ Century 3

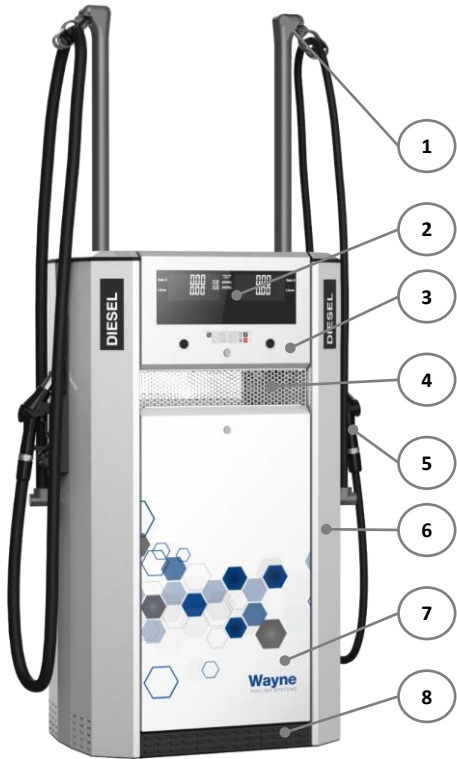
Configuration	Height	Length	Width
1-2	Hook: 1424	790	580
2-2			
2-4	Mast: 2136		

■ Helix 2000

Configuration	Height	Length	Width
1-2	Hook: 1480	1012	669
2-2			
2-4	Mast: 2342		

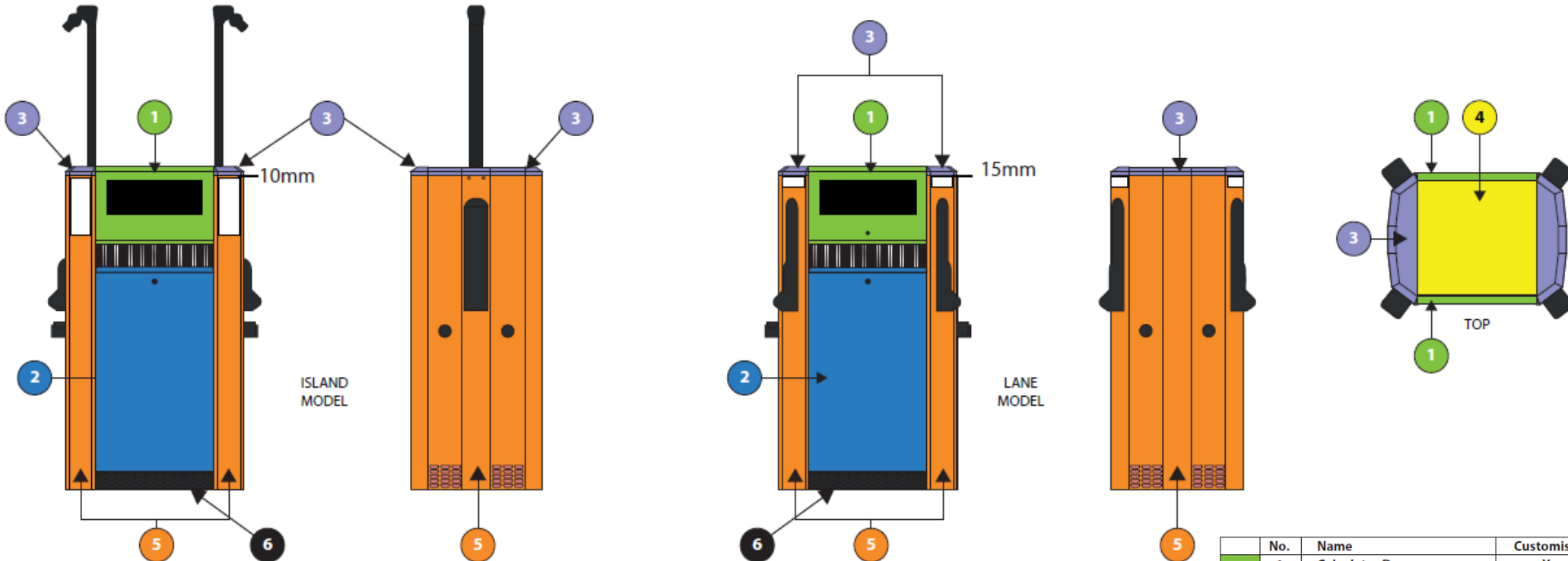


Designed with field-proven quality components and corrosion resistant materials for a lifetime of reliability



Number	Material	Details
1	Powder painted Aluminum	Bent sheet aluminum, protected with high quality paint for protection to C4 standard
2	Hardened glass	No risk of yellowing and hardened to withstand accidental nozzle impact
3	Powder painted hot dipped galvanized steel	Bent sheet metal without any welding, protected with high quality paint for protection to C4 standard
4	Stainless steel	Shiny stainless steel air gap with honeycomb ventilation slots
5	Coloured injected moulded plastic	Nozzle boot plastic specified for continuous expose to fuel and chemical vapours and liquids without significant fading. Plastic is coloured through to maintain colour despite scratches
6	Powder painted hot dipped galvanized steel	Bent sheet metal without any welding, protected with high quality paint for protection to C4 standard
7	Powder painted hot dipped galvanized steel with Vinyl Wrap	Bent sheet metal without any welding, protected with high quality paint for protection to C4 standard. Logo and design provided through vinyl wrapping
8	Powder painted hot dipped galvanized steel	Bent sheet metal without any welding, protected with high quality paint for protection to C4 standard

Full flexibility for customer branding and strong corrosion protection through our leading paint technology



No.	Name	Customisable	Code
1	Calculator Door	Yes	RAL
2	Hydraulic Door	Yes	RAL
3	Top Plate	Yes	RAL
4	Top Plate Cover	Yes	RAL
5	Side Panel	Yes	RAL
6	Base Frame / Drip Tray	2 OPTIONS	RAL 9005 / 7021?



Wayne Century 3

- New compact model offering exceptional modularity with wide range of options and configuration possibilities
- True Wayne innovation with optional IoT technology connecting the dispenser to the cloud and our powerful DX platform for monitoring and advanced remote management capabilities for low TCO
- Improved hydraulic system based on field-proven gear pump technology in new stack arrangement for reduced noise & vibration
- Stage II vapour recovery in stack arrangement for better service access. New field-proven vapour flow meter and same field-proven direct drive VR pump eliminating belt wear & tear.
- New field-proven high capacity pumping unit for very high-speed flowrates. Same stack size as the retail capacity pumping unit to offer full flexibility. Allows for fewer pumping units in some very high-speed configurations
- New footprint and new standard position of inlets. Improved height underneath stack for connections to riser pipework for minimal cost of change.
- Full flexibility for customer branding and strong corrosion protection through our leading paint technology

