

Refuelling your business

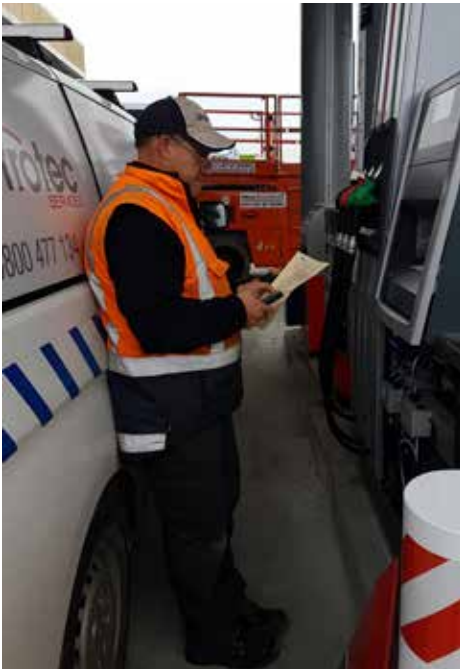
Complete fuel storage, dispensing
and management solutions

petrotec.co.nz



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Who we are

Petrotec is a nationwide construction, contracting and servicing company operating in the petroleum industry and specialising in hazardous substances.

A privately owned business, Petrotec was established in 1987 and has been building a trusted reputation ever since.

We supply a complete range of fuel and lubricant storage tanks, dispensing equipment and fuel/lube management systems for commercial, industrial and retail users.

Other services we provide include:

- Service and preventative maintenance
- Full onsite installation and commissioning
- Consent applications and HSNO approvals
- Design and project management
- Construction

To learn more about our capabilities and view a wide range of our previous projects, please visit petrotec.co.nz



100%

KIWI OWNED & OPERATED



34

YEARS IN BUSINESS



40

EXPERIENCED STAFF



30

VEHICLES ON THE ROAD



8

LOCATIONS AROUND NZ

Our areas of expertise

Supply

We supply aboveground and underground storage tanks and associated equipment to meet your refuelling needs.

Install

We provide a nationwide supply and installation service for fuel/lube facilities.

Service & Maintain

We offer a prompt repair service and preventative maintenance solution on all types of equipment and sites.

Remove

We can undertake tank disposal and removal services including site remediation.

Our distributorships

Logitank

We are the sole New Zealand distributor for the Logitank range of above ground fuel storage tanks.

Logitanks range in size from 12,000 litres through to 100,000 litres with a varied range of sizes in between. Tanks can be used to store diesel, lubricants, waste oil and a variety of other hazardous substances.

See logitank.co.nz for more details.



Everlink

The Everlink Fuel Management System (FMS), which is designed and manufactured in New Zealand, is robust, versatile, reliable and suited to any environment. Everlink can be installed into new facilities or retrofitted to any existing system. Plus it supports all industry standard technologies, flow meters and pumps.

Everlink also manufacture a range of automatic tank gauging, overfill alarm and solar powered FMS.

Features include:

- Access via contactless RFID tags, fuel cards, PIN, Bluetooth RFID or a combination of these
- Automatic tank gauging
- Managing and tracking all users and vehicles fuel and additive usage in one place
- Instant real time status of fuel and additive usage
- The ability to receive notifications via email or text for alarms i.e. low fuel level
- Flexible report builder and exporter
- 100% cloud based with full multi user capabilities accessible from any device with a web browser from anywhere in the world



Our distributorships

Banlaw

Banlaw is an Australian company with 40 years experience in the research, development, design and manufacture of high quality fluid transfer products, systems and services, including pressure and pressure-less overfill protection refuelling solutions.

Banlaw produces a range of dry break high flow nozzles, receivers and vents for fast fill refuelling, fuel management systems and overfill protection plus couplings for the safe delivery of oils and coolants specifically for the mining, ports, rail and transport industries.



Protank

Protank are local manufacturers of farm and trailer tanks.

Their range includes:

- 600L to 10000L above ground and on ground tanks
- Single and dual compartment tanks
- 1200, 1400 and 1900L trailer tanks



Reel Fabrication

Reel Fabrication is a New Zealand based company manufacturing high quality hose reels that are fabricated from marine grade aluminium and the internal machined wet end of the reels including the fasteners are all stainless steel. The reels are all powder coated white and belt driven with a final gear ratio of 3:1.



Aboveground storage tanks

Logitank Kiwi Klassic

The Logitank Kiwi Klassic is a self bunded tank suitable for storing diesel, lubricants, waste oil and a variety of other hazardous substances. There are two styles available depending on your needs or application; with or without a bunded pump bay. Logitanks are plated for approval for rail, road and sea transport. Footprints conform to standard ISO container lock pin dimensions. This enables cost effective freight movements as well as simplified on-site foundation requirements.



Model	Safe fill level (L)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
LTKKL 12	10,800	2,991	2,438	2,896	5,100
LTKKL 20*	16,625	2,991	2,438	2,896	5,000
LTKKL 30	28,150	6,058	2,438	2,896	8,300
LTKKL 38*	33,987	6,058	2,438	2,896	8,400
LTKKL 60	56,900	12,192	2,438	2,896	14,600
LTKKL 75*	69,700	12,192	2,438	2,896	14,500
LTKKL 80	75,602	14,630	2,438	2,896	17,500

* Model comes without a pump bund bay

Logitank Combo

The Logitank Combo provides a cost effective method of storing and dispensing both diesel and DEF from the one unit. A major benefit is the reduced footprint taken by storing both fluids in a single tank, as opposed to having a separate DEF tank taking up additional space on the site.



Model	Diesel safe fill level (L)	DEF safe fill level (L)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
LTBL 26	22,655	3,952	6,058	2,438	2,896	10,413
LTBL 60	54,015	6,662	12,192	2,438	2,896	16,713
LTBL 77	67,362	7,335	14,630	2,438	3,365	19,550

Approvals (Kiwi Klassic & Combo)

HSW (Haz. Sub.) Reg. 2017 / AS1692:2006 / AS1940:2004 / AS1657:2013

Aboveground storage tanks

Our most popular tank and dispensing solutions are based on the 12,000L and 30,000L Logitanks with a single or dual dispensing system:

- Overfill protection valve
- Overfill alarm
- Anti-syphon valve
- Lockable pump bund
- Galvanised ladder and platform
- 2 x Piusi pumps and flow meters delivering approx. 80-100lpm
- Dual ZVA nozzles with 7m delivery hoses on high rise pylons
- 2 x 10m fuel filter (contaminants and water)
- Vent T.R.A.P breather
- Flush mounted FMS with card reader and ATG



- Transfer pump and tanker hose
- Electrical switchboard
- External lightning
- HSNO signage

Solar/Genset Powered Logitanks

We are skilled at designing and producing solutions where out-of-the-box thinking is required. We have designed and fitted out a range of Logitanks to meet situations where a permanent power supply is not available. Solutions include solar, generator or mechanical options.



Lease a Logitank

We also offer competitive short and long term lease options. A number of these solutions are solar and/or Genset based.

Fire Rated Tanks

We can also supply fire rated tanks ranging in size from 500 to 110,000 litres.

Other Tank Options

We have access to other above ground single and double skinned tanks up to 10,000 litres.

Mobile tanks

Ute Tanks

For those on the move we manufacture 250 litre aluminium ute tanks.

These include rollover vents, flow meters, contaminant and water filters, 5m hoses with 1" nozzles and a lockable fill cap.

These can be manufactured to any specifications and include battery powered options.



Underground storage tanks

Maskells and Greentank

Petrotec is an accredited contractor for the two main underground tank manufacturers in New Zealand. They are the Maskells and Greentank brand of fibreglass tanks.

Tanks are available in single, double or triple compartments with numerous sizes available.

If you are restricted in area an underground tank makes a sound decision.



Dispensing equipment

Fuel Dispensers/Pumps

We have access to, and are accredited installers for Piusi, Gallagher, Wayne, Compac, and Gilbarco pumps and dispensers.

There is a unit to suit your application depending on the required flow rate, number of products, use, budget and location.



AdBlue/DEF Dispensers

Available as a standalone unit or as a dual product unit along with diesel. We offer retail and commercial solutions to suit your requirements.



Hose Reels

Reel Fabrication reels can be configured to suit a variety of applications. The reels are all fabricated from marine grade aluminium and the internal machined wet end of the reels including the fasteners are all stainless steel. All reels are belt driven and are geared around 3:1 ratio. Reels can hold approx. 40m of 1" hose, 30m of 1 1/4" hose, or can be manufactured to suit specific applications.

Reels are suitable for a number of situations including marine jetties, airports/aerodromes and land based sites.



Dispensing equipment

Submersible Pumps

We can supply and install various submersible pumps including variable speed units that are designed to fit all sizes of underground and above ground diesel, petrol, DEF and aviation storage tanks.



Tanker Unloading Pumps

We have access to a number of high quality transfer pumps suitable to pump diesel, petrol, DEF and aviation fuel from a delivery tanker into your aboveground fuel storage tanks.

Pumps are available in a number of delivery flow rates and can be explosion proof to meet electrical requirements.



Automatic Tank Gauging (ATG)

We also recommend adding Automatic Tank Gauging as an option to your fuel management system. This will allow you to monitor fuel levels, temperature, safe fill level, and other important information. This information can be accessed via web and mobile and also directed to your logistics provider.

Tank	Grade	Capacity	Volume(L)	Depth(mm)	Last Reading	Levels	History	Uplink(L)
Deck 101	Abbu	9,529	9,326	1022	26/01/21 04:21 PM			5007
AvG Maripatio-10K	Abbu	10,000	9,459	1473	26/01/21 02:32 PM			612
Electro-15M	Abbu	16,900	8,848	1144	26/01/21 03:55 PM			5154
AUSPCST-Ossining	Abbu	5,000	3,848	1143	26/01/21 03:55 PM			900
Fylwika-10K	Abbu	10,000	3,527	778	26/01/21 04:15 PM			5573
AUSPCST-Nuttville	Abbu	8,000	4,478	1854	26/01/21 03:48 PM			378
Alfjallur-Rodby-5K	Abbu	5,000	4,821	1550	26/01/21 04:19 PM			118
AUSPCST-Sandau-Tx	Abbu	7,186	6,791	1987	11/12/20 12:49 PM			1096
AUSP-Rue-Park-Tx	Abbu	7,186	4,058	1558	26/01/21 04:17 PM			3453
AUSP-Rue-Prest-Tx	Abbu	7,186	4,886	1670	26/01/21 04:13 PM			2154
Alfjallur-Torsvik-4K	Abbu	4,758	3,071	796	26/01/21 03:37 PM			1447
Haukrak-10K	Abbu	10,000	8,099	1198	26/01/21 04:19 PM			3991
Ho-Garneshal-10K	Abbu	15,627	13,491	1696	26/01/21 03:25 PM			1076
HF-Etstavik-5K	Abbu	5,000	2,940	1075	26/01/21 04:32 PM			1770
Dorsh-5K	Abbu	5,000	1,804	421	26/01/21 03:27 PM			2198
Vakha-5K	Abbu	5,181	3,819	1213	26/01/21 03:05 PM			1911

Dispensing equipment

Switchboards

Our in house electrical team have all the skills to deliver a full electrical and automation solution and are especially skilled at working in hazardous areas.

Whether your electrical requirements are large and technical or of more modest means, our electrical team can provide a system to meet your requirements.



Fuel management

We offer a range of fuel management options suitable for full service and unattended sites. There are mobile solar powered options which are suitable for trailer tanks. These systems can be connected to your existing site or provided as integrated solutions giving you full control of distribution and fuel management.

There are numerous fuel management options available, including:

- PIN, fuel card, home card, credit card, key or fob access
- Online (web/mobile), downloaded to USB or laptop viewing/management



Integrated filtration

Petrotec has access to a comprehensive range of filtration options that can be integrated into your tank ventilation and dispensing package.

Removing contaminants and water with integrated filtration prior to pumping fuel into vehicles, machinery and equipment allows for better performance with less maintenance and downtime.

Filtration options include:

- Vent breather to reduce the risk of dust and moisture entering the storage tank through the vent whilst allowing high flow rates of fluid into and out of the tank
- Single pass filtration at the dispenser reduces the risk of contamination in bulk storage tanks and helps maintain desired cleanliness levels



- Bulk manifolds assemblies are manufactured and piped in parallel flow configurations to reduce pressure drop across the assembly and retain a high flow rate

Service and preventative maintenance

At your service

Our service team are on hand to undertake all manner of service work.

This includes fuel related equipment, comprising of pumps, dispensers, hoses, nozzles, tanks, manways, fill points, signage, lighting, drainage, oil/water separators, fuel lines, tank gauging, observation wells and other ancillary fuel equipment. We can also monitor warranties and asset management.

We recommend that a preventative maintenance system be implemented to reduce the likelihood of any equipment failure, fuel contamination or unexpected issues.

We can prepare a checklist tailored to your site and requirements covering all important items which can be undertaken according to the site volumes/usage i.e. quarterly, six monthly or annually.

Our preventative maintenance system covers fuel, car wash and waste management and incorporates a site visit, completion of the checklist, undertaking any small issues (subject to approval) at the same time, taking photos, identifying any issues and providing a cost to undertake any remedial work.



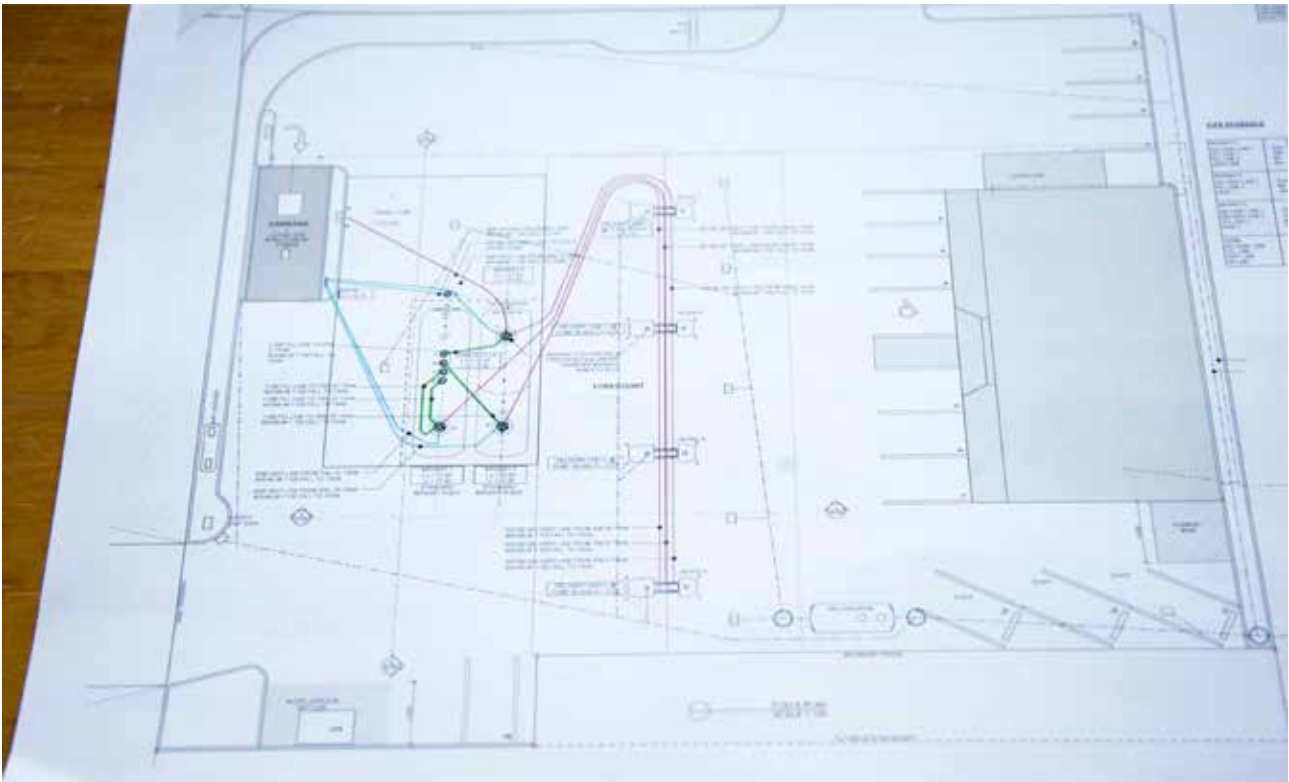
Things to consider

Tips for your project

There are numerous aspects that you will need to consider and the team at Petrotec can provide assistance in all areas.

Briefly, some of these are:

- Regional and District Council consents
- Design concepts and cost estimations
- HSNO requirements
- Location and site layout
- Fuel storage (above or below ground)
- Dispensing options, including fuel management etc
- Containment and stormwater management
- Signage
- Ongoing maintenance and servicing



Contact us

If you have any questions about your project, please get in touch. We're always happy to help.

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