

Workshop
Installations
& Fitouts

Innovative
Fluid Handling
Solutions



workshop installations & fitouts



www.advancefluidcontrol.co.nz

INTRODUCTION

Advance Fluid Control is New Zealand's leading supplier & installer of specialist fluid transfer equipment and fluid management systems for mechanical & industrial workshops.

Our specialist team has the ability, skillset, technical knowledge and experience to carry out multiple installations simultaneously in different locations throughout the country. Each installation is carried out to the specific needs & requirements to suit the nature of operations on each site.

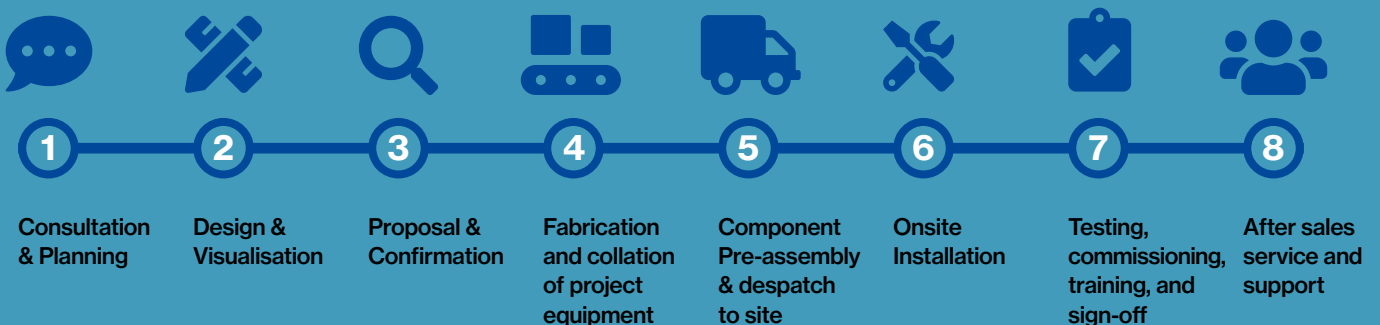
What We Do

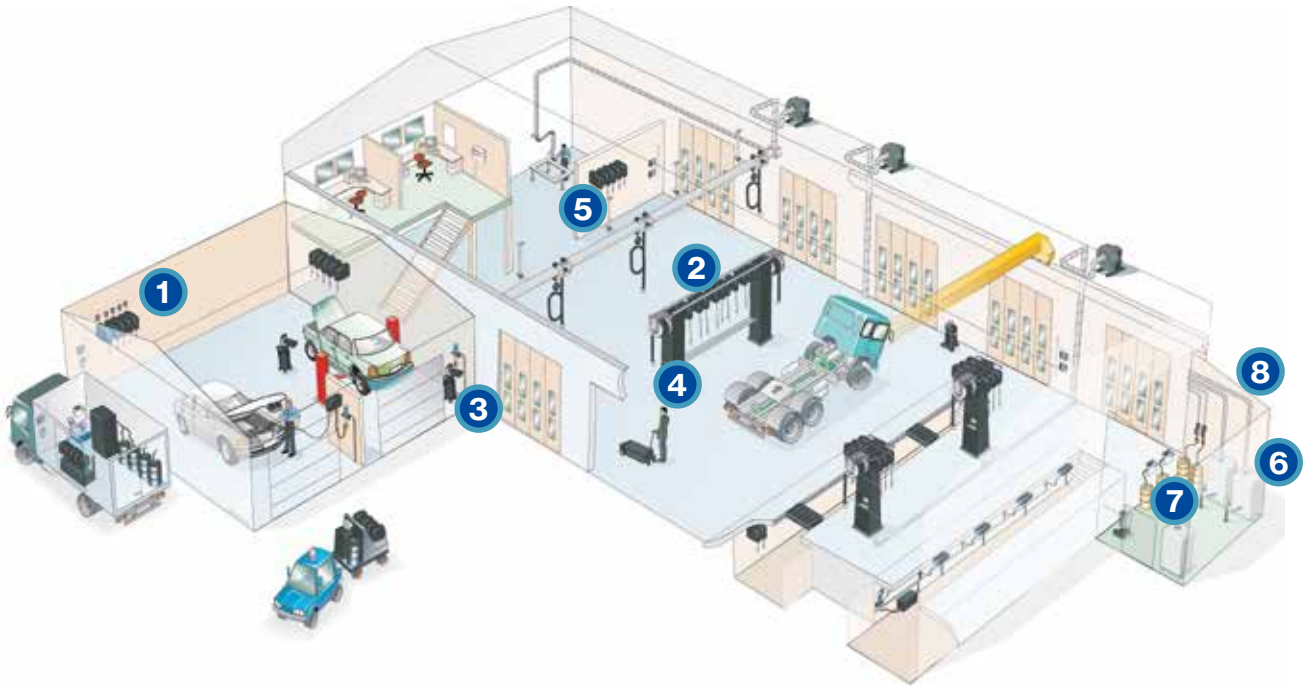
- ✓ Oil dispensing systems
- ✓ Grease dispensing systems
- ✓ Waste oil handling
- ✓ Air & Water distribution systems
- ✓ Fluid management systems
- ✓ Tank level management
- ✓ Workshop cabinetry
- ✓ Exhaust extraction.

Why use us?

Advance Fluid Control has the innovation and extensive experience to advise and deliver installation solutions whatever the size or parameters.

INSTALLATION PROCESS





INSTALLATION SETUP EXAMPLE

1. Hose Reels

High quality reels to ensure fluid is distributed effectively and with minimal flow restriction for a wide range of fluid grades.

2. Hose Reels Gantries

Hose reel gantries bring professionalism and functionality to the workshop by providing dispensing points and power outlets to the middle of the workshop where they are needed, while keeping hoses and power cords stored out of the way when not in use.

3. Waste Oil Equipment

Ensure that your system for handling waste fluids maximises efficiency while minimising the risk of spills by utilising the most suitable type of drainers for the vehicle types, and ensuring that they are properly configured to connect to the installed waste fluid extraction system which removes and distributes the contents to the compliant waste oil storage system. We configure these complete systems with safety devices in place to minimise the risk of spills, and to protect the system components.

4. Fluid Management Systems

Professionalism in workshop fluid dispensing starts here, with this system offering accountability, traceability, and accuracy. Although primarily used for oil and coolant management, it also caters for windshield fluid and many other fluids in different applications. Human error can be further eliminated by automatic data entry of dispense data to the Dealer Management System. Our Fluid Management Systems are globally acclaimed and our team are experienced specialists in this field.

5. Oil Control Guns

Accurate dispensing of fluid is vital in the workshop. We ensure that we specify the most suitable type of dispensing guns for your application.

6. Tanks

Our range of compact, double skinned oil storage tanks set the international benchmark for best practice oil storage, both in safety and usability.

7. Pumps

Pneumatic pumps are powered by compressed air and offer the best dispensing performance for lubricants in the vast majority of workshop applications. The type of pumps we specify is dependent on many factors which are all based around the end result that the customer requires.

A quality commercial grade compressor of suitable size is usually required to cover general workshop compressed air requirements and run the fluid distribution system. This is essentially the power source for the fluid distribution system, therefore the compressor type and size has a significant impact on many areas of the day to day workshop operation.

8. Pipework

An essential component of any workshop install, we follow a series of careful steps to ensure that the piping system is the correct size and layout for the application. The Press-fit piping system is one of our solutions for installing stainless steel or carbon steel transfer lines for oil, coolant, water, and compressed air distribution. Special valves are fitted to protect the piping system from thermal expansion damage.

COMMERCIAL WORKSHOP INSTALLATIONS



Advance Fluid Control has the experience and proven track record that is essential for a successful commercial workshop fluid distribution system installation.



The experience and technical know-how of our system design engineers, project management personnel, and installation technicians ensures we have all aspects of the installation covered – from making sure the design & componentry is compliant, ensuring that the proposed layout offers best practice functionality & efficiency, and making sure that the waste oil management and handling system is both environmentally friendly and caters for easy, safe storage & disposal of oils.

The unique skillset & innovation of our team has been proven time and again on projects requiring specialty solutions for the heavy-duty requirements of commercial & industrial installations.

Contact us to arrange a consultation to discuss your commercial workshop requirements, and gain insights on best practise solutions for functionality & efficiency.



“

AFC's design, project management and quality of workmanship is outstanding, we are very happy with the finished result, and would definitely recommend AFC for any workshop fitout requirements.”

Alistair McLennan
| Business Development Manager
| New Zealand Trucks



AUTOMOTIVE WORKSHOP INSTALLATIONS

Advance Fluid Control recognises the need for customised solutions that cater to the various sizes, requirements, and components of automotive workshop installations.

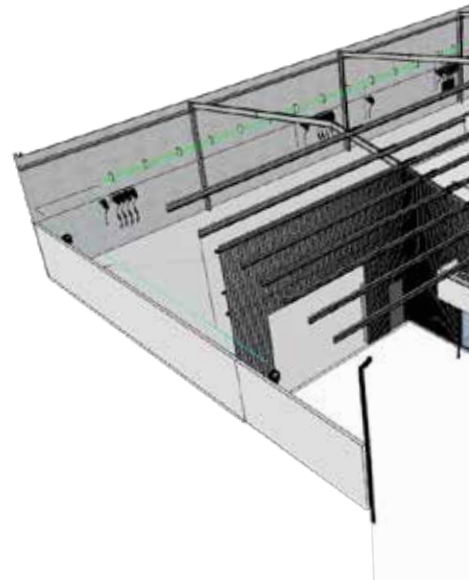


Drawing on our experience and technical skillset, we understand every aspect of the installation process and the different requirements needed for a well-designed workshop lube system that improves workshop services, capability, and efficiency.

Planning and setup is essential for the best possible outcome for all

installation projects – which is where our specialised team excels. By being involved at the planning stage we can ensure the absolute best solution and setup is undertaken, with realistic expectations, budgets, and timelines set.

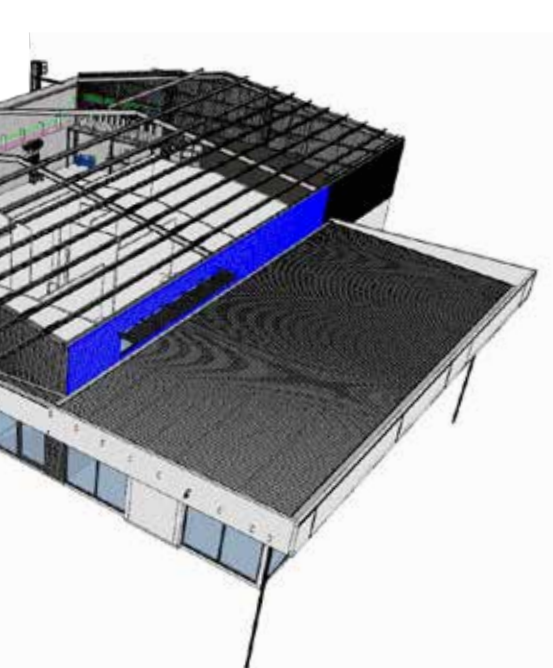
Contact us to discuss the best system configuration for your automotive workshop requirements.



“

Our new service workshop was a project that needed a lot of thought put into the layout to maximise usage of the available space while still providing adequate storage quantities of the eight different oil grades. Advance Fluid Control worked with us right from the initial design stage to provide a top quality oil, waste oil & air system that functions exactly as intended and also increases the professional image of our workshop. This is the second workshop that AFC has fitted out for our company and we will certainly use them again for any future workshop fitout requirements.”

Steve Snoep | Service Operations Manager | Macaulay Motors



FLUID MANAGEMENT SYSTEMS

Advance Fluid Control are the New Zealand agents for a number of Fluid Management Systems, and we have unrivalled experience in New Zealand in this field. We offer a variety of hard-wired systems, as well as the most popular wireless system set-ups including Graco Pulse and Badger Meter.



Since having our fluid management system installed by Advance Fluid Control we have experienced significant savings by eliminating oil losses and reducing administration input time.

AFC's service & back up support are very knowledgeable and they have met all our expectations. I would gladly recommend a workshop fluid management system installation by Advance Fluid Control."

Marc Nicholson | Parts Manager | Power Farming Taranaki





Graco Pulse and Badger Meter are the industry leaders in wireless oil dispensing management for mechanical workshops. The systems control and manage the dispensing of oils, coolant, windshield fluid, and other fluids dispensed in the workshop. Providing precise control, and greater visibility and reporting on fluid dispensing operations in the workshop, these can also be integrated to the site DMS to reduce the need for human input, and possible error, in reporting and logging, providing obvious labour savings and efficiencies.

The wireless systems are very quick to install with the on-site installation taking no more than a day for the majority of installations with minimal disruption to the workshop operation.

Contact us for further information on workshop fluid management systems and the efficiencies they can offer your company.



OFFSITE SERVICING SETUPS



Advance Fluid Control can custom build any offsite servicing, trailer, container or lube skid to suit your application.

From the design and layout drawing through to the finalised / installed product, we work closely with service technicians to provide the best solution for every application of field servicing.

If required, we can offer a turnkey package system, or simply design the system and supply the specified equipment, with offered technical support, for you to install as required.

Contact us to discuss the best system for your requirements.

mobile
service
skids



service
containers

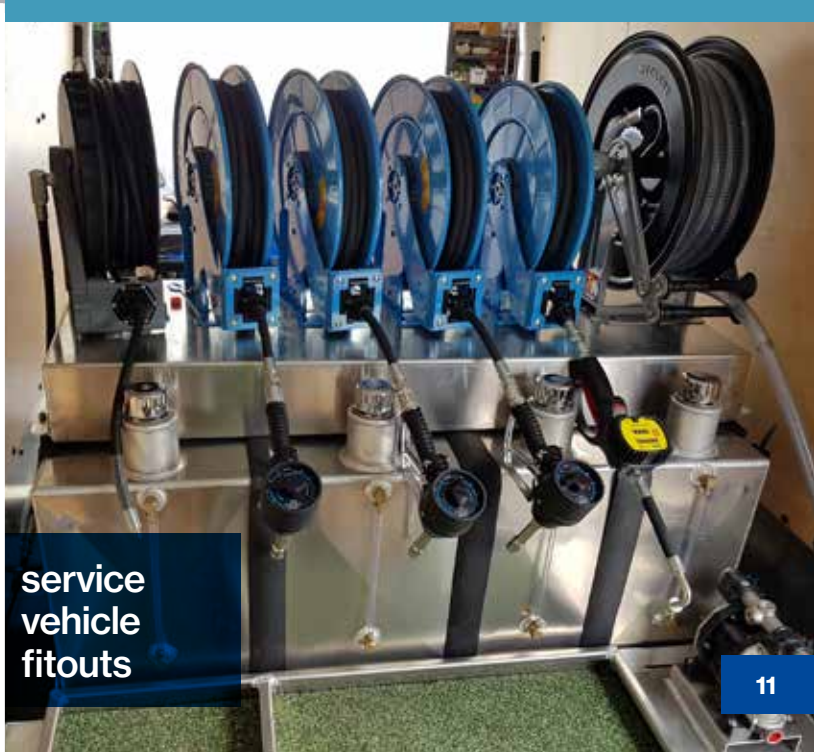


service
trailers





portable
pump-over
systems



service
vehicle
fitouts

“

We used the team at Advance Fluid Control to assist with designing & specifying a lube dispensing system for our new agricultural field servicing van.

Our new service vehicle build was a first of this kind for us, having AFC understand exactly what we were trying to achieve and come up with a solution that fitted our requirements was a critical part of the service vehicle being a success. This has helped us to greatly improve onsite servicing efficiency's and will continue to do so well into the future.

We would not hesitate to use the services, system knowledge and equipment that AFC provides for any future projects.”

Craig Wadsworth | Service Manager | TRS

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Locations & Contact Details

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