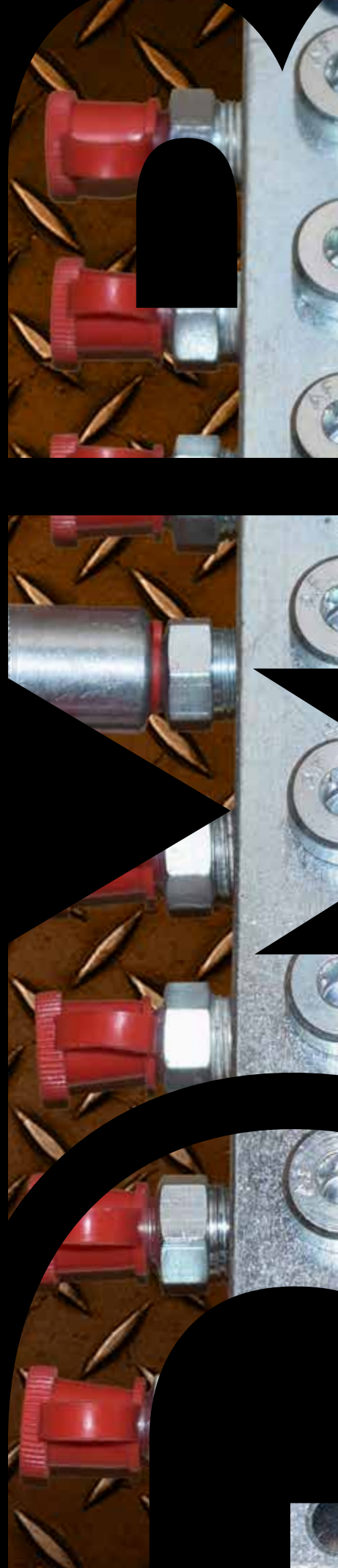


ACCESSORIES





Load Weighing Scale



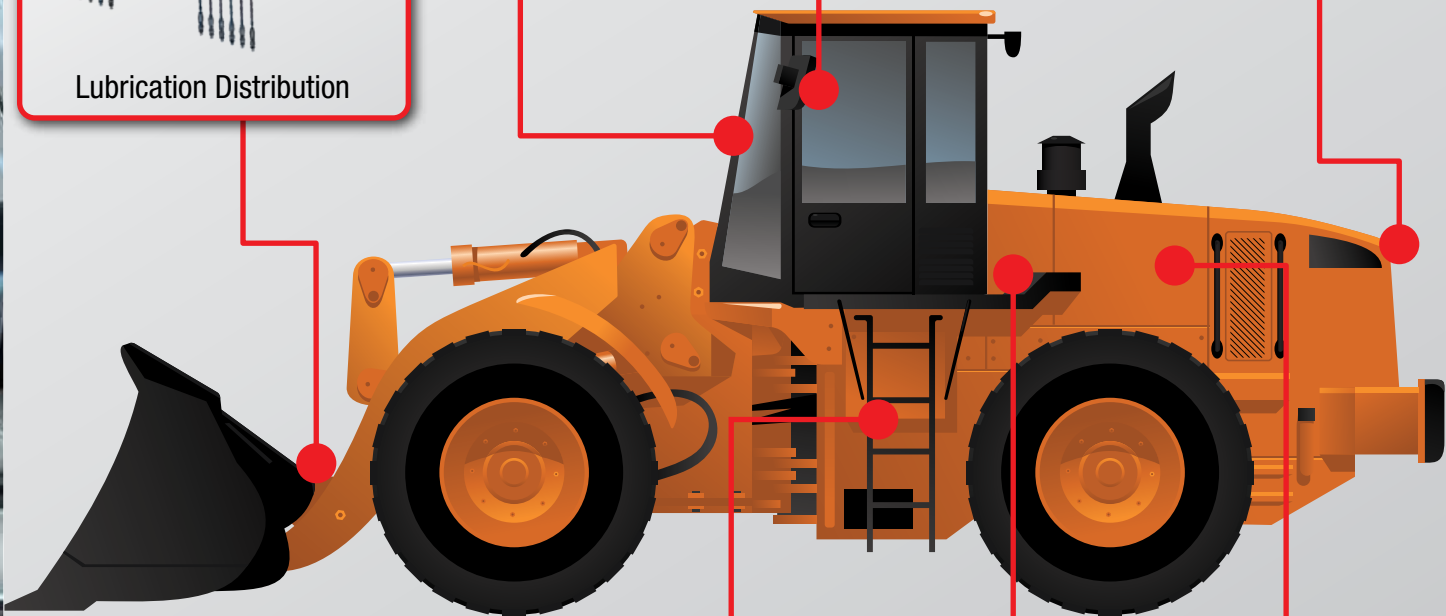
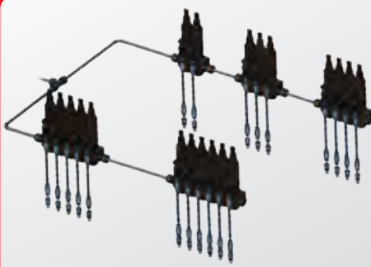
CCTV



Obstacle Detection



Lubrication Distribution



Diesel Fueling



Lubrication Pump



Fire Suppression System



About DMB Fluid Technologies

Our products and services are engineered solutions.

Our focus is to be at the forefront of innovation and industry leadership.

Our goal is to provide flexible, practical and efficient product and service solutions.

Our customers are large and small companies seeking an understanding, co-operative and effective approach to their requirements.

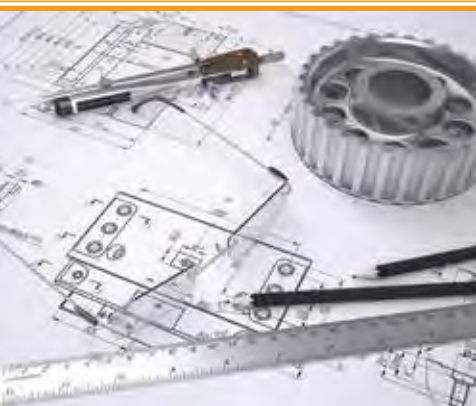
Our values:

- Safety
- Quality
- Environment
- Efficiency
- Integrity
- Respect
- Flexibility
- Delivery

Our Capabilities

We provide services and infrastructure for the delivery of engineered solutions to a broad range of industries, utilising fixed or mobile plant, transport and specialised equipment. Our expertise also allows us to optimise, modify and replace existing systems that have been designed and installed by others.

- Lincoln & SKF auto-lubrication systems for mobile plant and equipment
- Onboard load weighing systems
- HCS quickfill diesel fuelling systems
- Specialised connectors and evac systems for servicing
- Onboard filtration and contamination control solutions
- CCTV - proximity & collision avoidance systems
- Protecfire extinguishing systems, AFFF suppression systems
- Fire extinguishers, reels and accessories
- Design, installation and service
- Sales of accessories and spare parts



Principles

DMB Fluid Technologies excel by:

- Working with the customer to clearly identify their expected needs, outcomes and objectives.
- Scoping, managing and executing work in a cost and time effective manner whilst providing a practical and quality solution.
- Minimising customer costs by utilising efficient, experienced and dedicated personnel
- Maintaining a flexible, amicable and professional approach with our customers
- Maintain a clear focus, and the requirement for all stakeholders to value sound principles of Quality, Safety and Environment

Commitment to Quality, Safety and the Environment

You should expect that an expert accessories sales and service company would be concerned with quality, safety and the environment given the inherent risks associated with our industry, high operational performance criteria, and potential risk to human life and physical equipment.

The administrative systems of DMB Fluid Technologies have been assessed and approved by QAS International to the below management systems, standards and guidelines.



AREAS OF EXPERTISE

Hydrocarbon Connection Systems - HCS

Oil Filling and Evacuation Tools

DMB Fluid Technologies have developed an integrated system for the management of hydrocarbon products with our range of dry break couplers, specifically designed and proven to meet the mining industries best practices.

Our Australian designed range of remote service points provide a vast combination to suit any application, including bulkhead mounting to simplify installation procedures.

DMB Fluid Technologies also has the capacity to service existing infrastructure, with our purpose built repair and testing facility.

Our HCS Uniclip Series of Oil / Evac nozzles and receivers eliminate the possibility of cross contamination of fluids, minimise down time and maximise production. Each of the nozzles and receivers interlock only with the corresponding colour coordinated connector, all being evacuated by a single tool.



Dry Break Systems



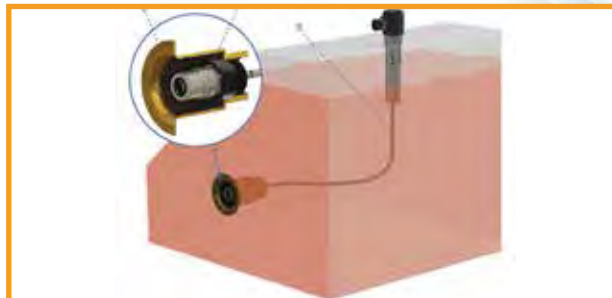
Diesel Fuelling



Accessories



Sampling



Pressureless Systems



Auto Lubrication Systems



Lubrication for Mobile Plant

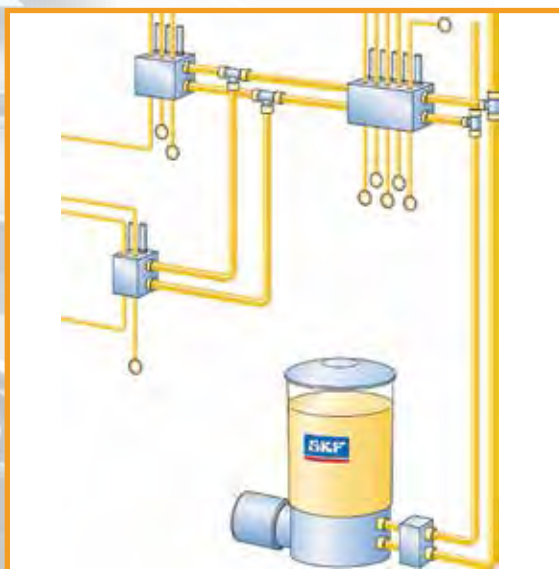
DMB Fluid Technologies' success has been brought about by our ceaseless commitment to innovation and quality while partnering with industry leaders.

We have long recognised the superior quality and performance that Lincoln and SKF lubrication products and systems offer.

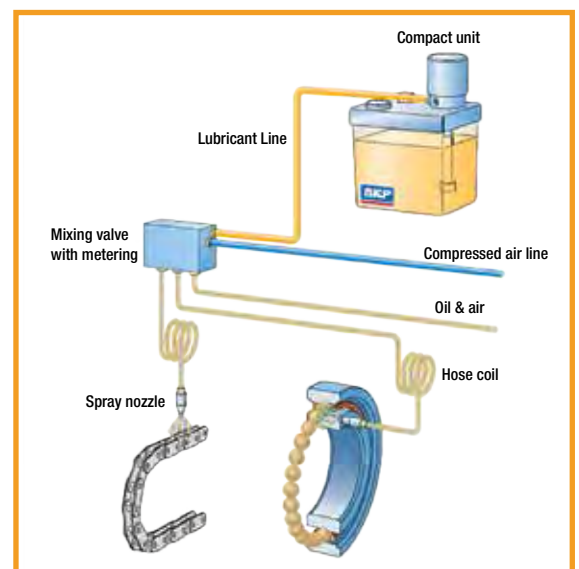
Our confidence that the solutions we recommend to you will be the best available, is based on Lincoln and SKF's geographical reach, support and multi-generational investment in friction reduction and tribology. The technical applications of their products extends to multiple platforms, including bearings, lubrication systems, seals, mechatronics and services.

Our dedicated engineering and service teams will ensure that your needs are analysed prior to developing the most cost effective and practical solutions available.

The recommendations of DMB Fluid Technologies will ensure your mobile plant and equipment will have grease lubricant applied at the precise amount and intervals required, free of contaminants in order to maximise the operational efficiency and working life of your asset.



Progressive Auto Lube System

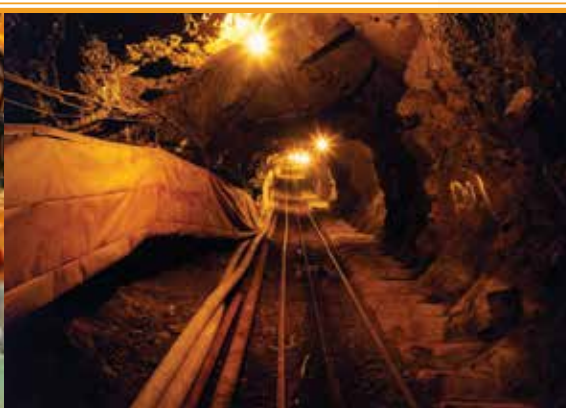


Oil lubrication system





Lubrication systems installed on mobile plant



Onboard Load Weighing Systems



Outset: on-board weight control solutions

A common issue within the transport sector is the overloading of transportation vehicles. Overloading is costly, as it can incur unnecessary overload fines. It can also cause premature failure of machinery due to exceeding specified loads. On the other hand, short loading can equally be expensive and inefficient.

Onboard weighing systems allow for peace of mind when weigh bridges are not easily accessible, by providing the operator with accurate load values in real time.

Our technical consultants can provide solutions for your specific needs regardless of your equipment suspension. pneumatic, hydraulic, mechanical front leaf and rear tipper applications are all possible.

Key Products include:

- Wireless truck scales
- Loader scales
- Excavator scales
- Forklift scales
- Offroad haul trucks
- Conveyor load cells

Industry Applications

Mining - Onboard machinery scales give an accurate indication of mine site productivity, and visibility over possible vehicle misuse. External load lamp indicators provide operators with guidance on material loading.

Agriculture - Maximising loads is important for costs and productivity. A simple change to levels of moisture can dramatically change the weight of a crop or product loaded. Take the guess work out of loading allowing your product to move quickly.

Transport - With Outset onboard truck weighing systems, the driver is in complete control. Wireless in-cabin displays are designed to be mobile, flexible with fleet size, and easy to use. They provide uncompromising accuracy and reliability.

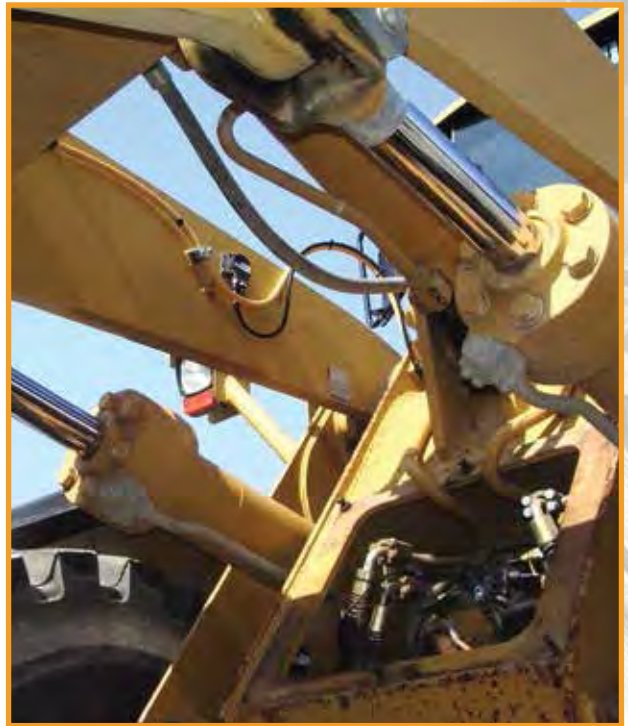
Quarries - Wheel loaders and excavators are a key link in the quarrying production chain. DMB Fluid Technologies understands this and offers accurate and easy to use onboard scales designed for loading transportation correctly the first time, every time.

Material Handling - Loadsense and Beltway scales are highly respected load cell assemblies carrying OMIL certification. Used primarily for conveyor belt scales, they are accurate, easy to maintain and flexible in their installation.

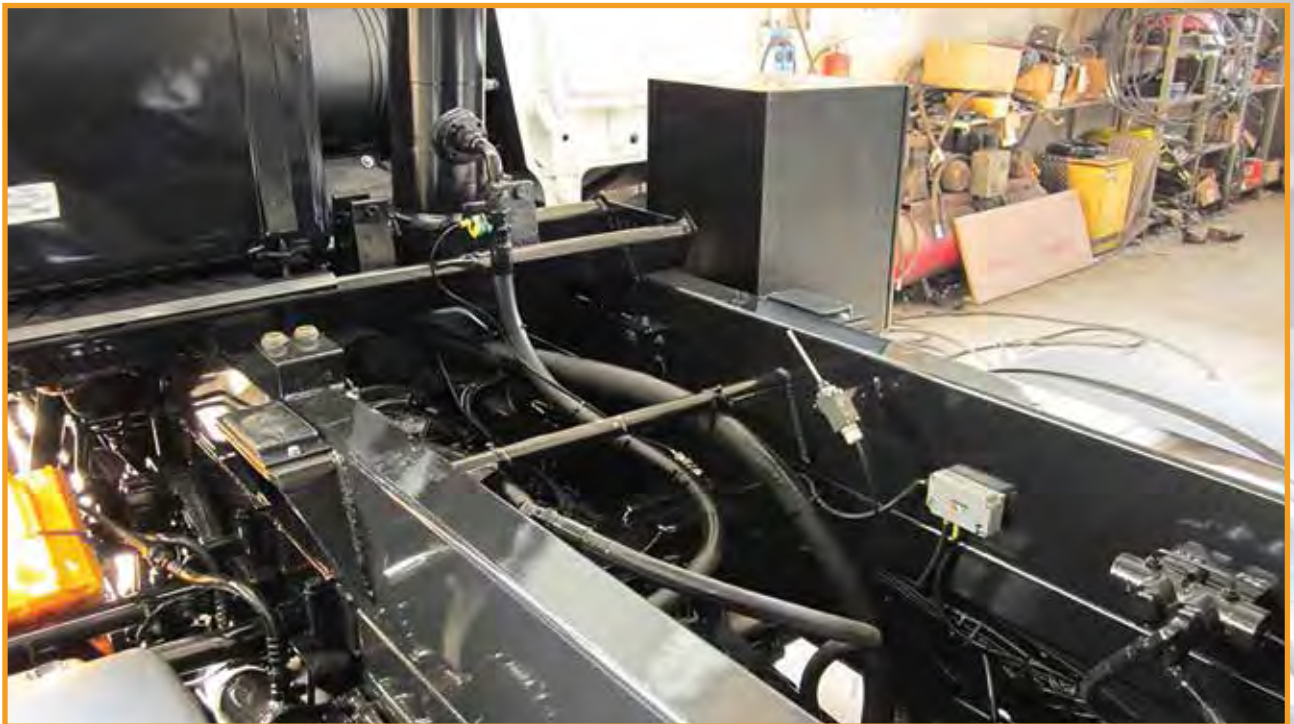




Outset excavator scale



Outset loader scale



Outset Bluetooth Semi-Trailer system



Tyre Pressure Monitoring System

TPMS technology enables the real time monitoring of tyre pressure and temperature readings for trucks and transport vehicles carrying trailer configurations up to and including 38 tyres.

The visual display screen installed in the cab enables the driver to be constantly aware of tyre conditions that may impact safe vehicle operation and assist to eliminate excessive fuel usage as a result of poor tyre condition. A further features enables the TPMS display to be configured with the vehicles GPS system if fitted, thus enabling all data and alarm functions to be sent back to head office.



Alarm Functions

- High Temperature Alarm issued when the temperature exceeds 90°C
- Low Pressure Level 1 Alarm issued when tyre pressure is 12.5% lower than the standard pressure
- Low Pressure Level 2 Alarm issued when tyre pressure is 25% lower than the standard pressure
- Low Pressure Level 3 Alarm issued when tyre pressure is 50% lower than the standard pressure
- High Pressure Alarm issued when tyre pressure is 25% higher than the standard pressure
- Fast Leak Alarm issued when pressure inside the tyre drops more than 3psi within 12 seconds
- Transmitter Trouble Alarm issued when sensor fails to work or the signal is interrupted



Advantages

- Extensive alarm functions and configuration
- Display connects to continuous power to ensure full-time monitoring
- Design of the whole system matches the truck perfectly
- Monitoring up to 38 wheels
- Smart Booster allows long-distance radio communication
- Hand Tool and Smart Booster can communicate to configure and view the sensors installed on the trailer
- Simple operation for function programming and inquiry
- Data transmission through GPS



PERT Oil Evacuation System

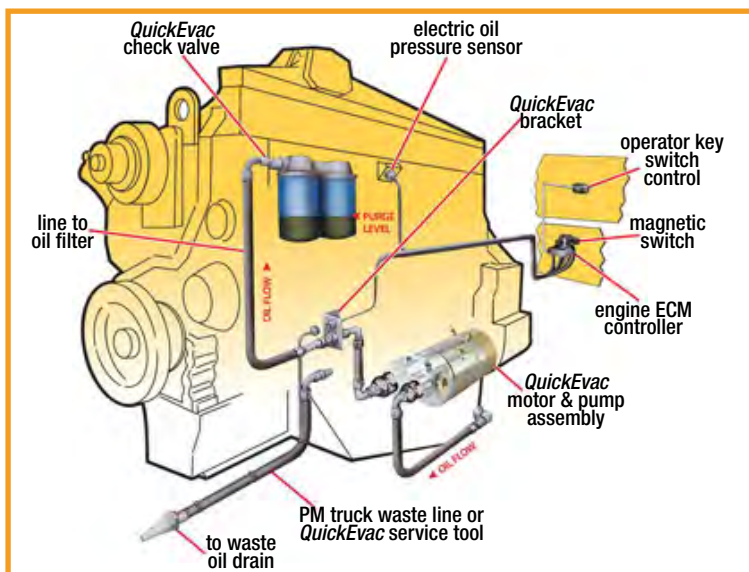
Critical to the lifespan of a diesel engine is the quality of it's lubrication. With todays productivity requirements, service methods and times are a crucial key to this success.

RPM Industries and DMB Fluid Technologies recognise this element, providing a system that allows simple oil and filter changes in less than 20 minutes - all from a single access point.



This means:

- **Safety & Ergonomics** - The system puts technician safety first by purging filters and evacuating the sump with no crawling, climbing or dealing with dangerous oil spills.
- **Environmental Protection** - The system transfers waste oil from the engine directly into final containment. No pans, no mess, leak free and worry free every time.
- **Savings** - The system saves time and money and can pay for itself in less than a year.
- **Contamination Control** - This unique refill process minimises contamination risks. The QuickEvac system refills the fresh oil through the new engine filter on it's way to the engine's sump, thus ensuring the new oil has not been contaminated before being circulated through the engine's oil galleries.
- **Speed** - Complete engine oil and filter changes in less than 20 minutes. Th QuickEvac system empties most engines in 60 seconds or less.
- **Pre-Lubrication** - The system eliminates dry starts and extends engine life.
- **Data Management** - Each service is automatically time stamped for easy record keeping.

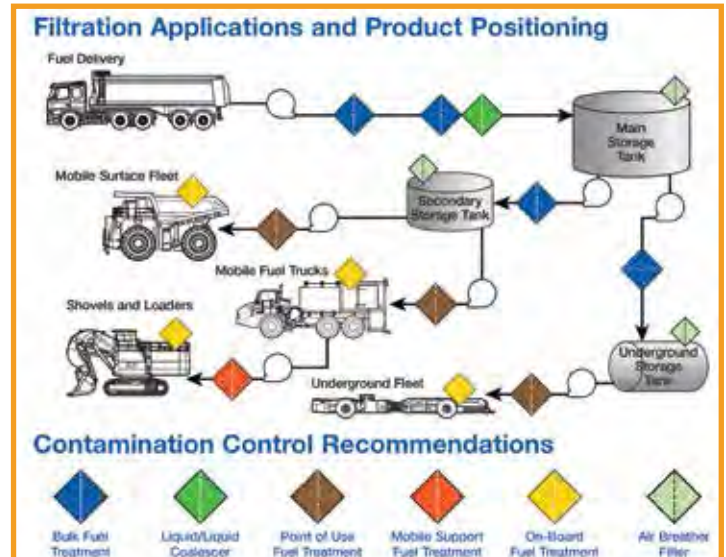


Onboard Filtration & Contamination Control

DMB Fluid Technologies has responded to industry requirements with the development of our new brand **Clean Filtration Equipment** - onboard filtration and contamination control solutions. This equipment complements our longstanding use of Pall Filtration and Separation products, enabling total package solutions.

Diesel fuel contamination by both water and particulate is a key contributor to many engine and fuel system-related failures in vehicles today. DMB Fluid Technologies offers the purification and monitoring systems that you need for efficient water detection & removal from hydraulic and lubrication oils.

DMB Fluid Technologies association with our partners allows us to provide quality service to ensure that your filtration, separation, and purification systems operate efficiently. We are dedicated to providing quality service to help maximise the efficiency of your system. Our engineers have a thorough knowledge of the components, design, operation, and maintenance requirements of filtration and separation systems.



Our broad range of filter elements and housings makes your customised filtration solution possible. DMB Fluid Technologies provides innovative disposable filter elements in a wide range of micron removal ratings. Our filters are developed, designed, and manufactured under the strictest quality controls and have been industry tested to provide exceptional performance, reliability and consistency.

Products specific to mobile equipment include:

- Ultipleat SRT hydraulic, lube and fuel filters
- Nexis High Flow and Ultipleat High Flow aqueous and chemical filters
- HNP and HVP oil purifiers for water, gas and particulate removal
- Crossflow microfiltration and ultrafiltration systems
- Pre-reverse osmosis filtration products
- Reverse osmosis systems
- Real-time fluid condition monitoring products
- Kidney loop systems for additional filtration





CLEAN
FILTRATION EQUIPMENT



Ultipleat Diesel Fuel Filters



Nylon Depth Media Fuel Filters



Ultipleat SRT Filters



PhaseSep Liquid/Liquid Coalescers



Air Breather Filters



Ultipleat Filters



CCTV for Mobile Equipment

Manoeuvring of plant and trucks in yards can be fraught with hazards for both operators and ground personnel. Black spot Closed Circuit Television or CCTV, can be used to minimise the risk of damage to property and the prevention of injury.

When used in conjunction with existing safety devices and processes, CCTV can increase productivity, as vehicles can be moved with greater precision.

Common Equipment

- Mining and construction equipment
- Tower and container cranes
- Forklifts and material handling equipment
- Transport equipment and public transport



CCTV application on an excavator



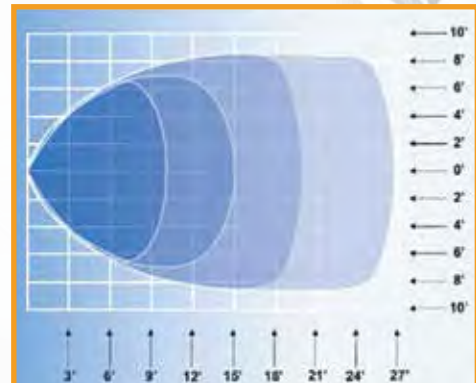
Proximity & Collision Avoidance



Rearsense - Obstacle Detection

Our radar obstacle detection alarm is big on safety.

- Radar detects stationary and moving objects, alerts the driver in the cabin with both sound and lights, getting progressively louder as the object gets closer
- The sensor can be bolted to the vehicle body, hung on a bracket or mounted out of sight behind any non-metallic surface
- The display unit is small and easily mounted in the cab
- Three different noise level settings in the cab
- Choose from 3 metre, 5 metre, 6 metre or 8 metre coverage areas
- Rugged design - super reliable and unaffected by continuous vibration, moisture, heat, cold, sun glare or dirt
- Functions in all weather and lighting conditions



Rearsense - Reversing Alarm

Our reversing external alarm is small on noise.

Turn the noise down without compromising on safety - that way you can work early mornings, late evenings and weekends with no noise complaints.

- This broadband sound alarm dissipates faster and is localised so that sound doesn't carry
- Rugged design - super reliable and unaffected by continuous vibration, moisture, heat, cold, sun glare and dirt
- Reduces hearing damage - the warning tones are noticeable, yet they are gentle on the ear



DMB Fire Tech



DMB Fluid Technologies have a long standing presence in the fire protection industry, having provided traditional fire risk management solutions and services to our large customer base.

Recently we established the business name DMB Fire Tech to clearly distinguish our commitment to this industry.

Conscious of the ever changing requirements of various industry groups that we service, we continuously invest time and financial resources, to partner with the developers of innovative and transformational fire fighting products and systems.

Additional application areas for the patented Protecfire extinguishing system include:

- Machine tools
- Mining and tunnel vehicles
- Public transportation
- Waste transportation
- Agriculture and forestry vehicles



DMB Fire Tech are able to provide you with:

- Patented protecfire detexline fire suppression systems
- DMB Fire Tech comprehensive range of fire extinguishers
- Traditional AFFF fire suppression systems
- Fire accessories sales
- Fully mobile and qualified after sales service and installation technicians



DMB Fluid Technologies are proud to have been selected by Protecfire GMBH of Germany as their Australian distributor for the revolutionary detexline fire suppression system.

With this patented system, the extinguishing and pilot functions are detected over the one line, saving material, installation costs and requiring a smaller footprint within the protected zone.

When activated, this system will extinguish the fire by expelling the mousseal AFFF across the surface whilst impregnating and moisturising the solid fire and heat source. This process effectively seals the area, blocking thermal source and preventing the possibility of re-ignition.



Other Key features of the system:

- Almost maintenance free with no annual discharge required
- Exact automatic fire detection via patented pneumatic fire detection sensor
- Pressureless while in standby mode
- Long outpouring of the extinguishing agent due to fine spray / droplet form
- Functionality guaranteed to remain unhindered by extreme environmental conditions – approved use within ambient air temperatures between -30°C and +75°C
- All stainless steel piping and stainless steel braided hosing +260°C
- Less components and nozzles than a conventional AFFF system
- Quicker and less costly installation than a conventional system
- Guaranteed no accidental discharge without presence of thermal or operator input
- No external power supply required - Intrinsically safe
- Precision designed, built and tested in Germany
- German mining approval since 2008
- Designed with the guidelines of AS 5062-2009
- Data logging controller available



Firespy



Protecfire extinguishing systems are suitable for machinery and plant of all sizes - to 800 tonne and beyond

The Firespy extinguishing system uses the same patented technology as the other Protecfire systems only on a larger scale. This system can provide virtually maintenance free operation, with the assurance of utilising the latest technology in fire protection for asset protection.

Key attributes of the FireSpy system are:

- **Compact Design** - Firespy uses a small amount of agent to protect a comparatively much larger surface area than other systems. This is achieved using fine spray technology, whereby the intensity of the fire's energy is rapidly diminished, and the overall temperature lowered.
- **Extreme Temperature** - Firespy utilises a unique extinguishing agent that can endure extreme temperatures above 75°C.
- **Low Maintainance** - the extinguishing agent is contained in a pressureless stainless steel reservoir, eliminating the need to regularly discharge the cylinder.

These factors, along with the coagulating effect on the surface, aid in alleviating thermal issues, and work together to prevent re-ignition.

The Firespy system creates specific areas within the risk zones. These areas can then be identified individually when their predetermined operating temperatures have been exceeded, by using Firespy's unique detection method.

A risk analysis is conducted to ensure that each installation is tailored to specific applications.



DMB Fire Tech



AFFF Fire Servicing

Our experienced and qualified service technicians are able to visit your worksite in our fully equipped and purpose designed mobile workshop to conduct:

- Assessment of your requirements, and presentation of detailed recommendations
- Service existing fire suppression and fire extinguisher equipment
- Install new protectfire extinguishing systems to your assets
- Install new DMB Fire Tech fire extinguishers at your premises and to mobile plant
- Maintain and enhance your asset protection capability by introducing additional accessories
- Our service technicians are experienced with a range of systems for which we maintain an extensive list of spare parts



Fire Extinguishers

DMB Fire Tech is the registered business name and brand name of our extensive size and purpose range of fire extinguishers, approved to AS/NZS 1841.5.



Design, Installation, Service & Parts

As a core of DMB Fluid Technologies design capability is a permanent, dedicated and fully qualified engineering team.

Experienced and qualified technicians are able to conduct a range of installation, service and warranty programmes on proprietary equipment.

DMB Fluid Technologies have established a custom designed clean room consisting of 6 separate service bays for the stripping and service of pumps and equipment.

DMB Fluid Technologies operate a mobile fleet of dedicated service vehicles that are fully equipped to operate as mobile workshops.





Sale of Accessories & Spare Parts

DMB Fluid Technologies hold several million dollars of inventory across 4500 line items, including but not limited to, the following lines of spare parts and accessories:

- Injectors and manifold blocks
- Reciprocating timer 24 VDC
- Solenoid and coil kits
- Pressure control valves
- Flow control valves
- Hydraulic operated vent valves
- Air operated vent valves
- Autolube controllers
- Pressure switches
- Grease relief valves
- Pressure gauges
- Grease hose, high pressure, field attachable hose tail
- JIC fittings
- Compression fittings
- Compression hose studs
- Grease manifold blocks
- Progressive grease pumps
- Dividing blocks
- Progressive injectors and fittings
- Seal kits



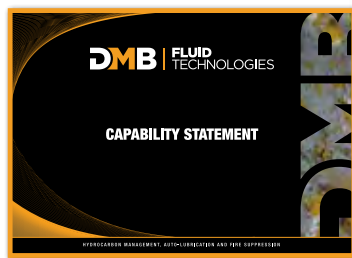
Further Information

This brochure provides an overview of our products and services.

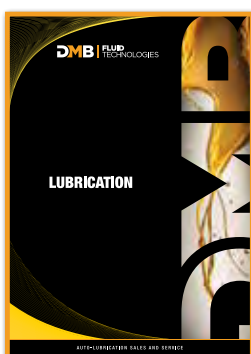
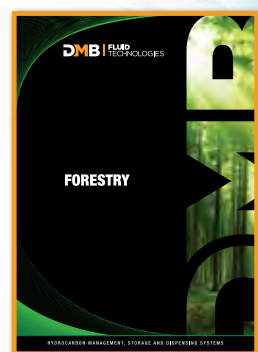
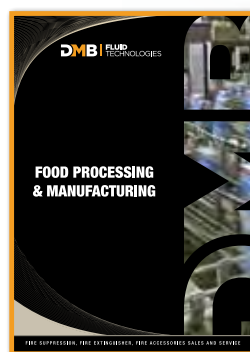
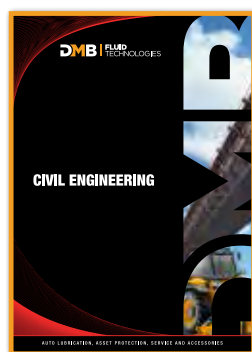
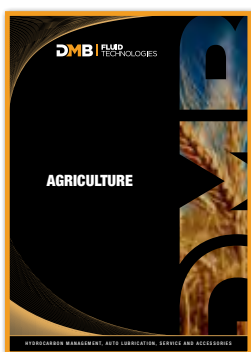
Please contact us to discuss your particular requirements and situation, to enable our team to determine how best we can assist you.

DMB Fluid Technologies looks forward to partnering with you, and contributing to the success of your business.

Corporate Sector Brochures



Industry Brochures



DMB | FLUID TECHNOLOGIES



8 ALICE STREET

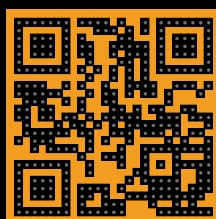
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DESIGN - INSTALLATION - SERVICE - SPARE PARTS