

MINING FUEL STORAGE SOLUTIONS



CUSTOMISED MODULAR SYSTEMS WITH EASY BOLT-ONS. COMPLIANT & TESTED EQUIPMENTS.



- 1 Modular Fuel Farm
- 2 DG Container Pump House
- 3 Fuel Dispensing Hose Reel Rack
- 4 Tanker Truck Unloading Manifold
- 5 Spill Containment Unit
- 6 Light Vehicle Refuelling Station
- 7 Multi-Compartment Lubrication Tanks
- 8 Heavy Vehicle High Mast Skid
- 9 Associated Pipework
- 10 Lubrication Dispensing Hose Reel Rack
- 11 Power Generator Gravity Feed Tanks
- 12 Remote In-Pit Refuelling
- 13 Dangerous Goods Storage
- 14 Modular Containerised Offices



CONTROL, SECURE AND REDUCE COST OF FUELLING YOUR BUSINESS.

SELF BUNDED TANK RANGE

We offer a range of fully self-bunded fuel and lubricant tanks, suitable from the smallest project or site, through to high traffic sites.

- Tank ranges from 1000 to 110,000 litres capacity
- In-pit units with robust design, to handle the harsh, hot and dusty conditions
- Entire system, be it tank of fuel farm, is fully assembled and wet tested before leaving factory, ensuring easy installation and assembly on-site
- Portable and re-locatable
- Modular containerised design allows for ease of expansion for future growth
- Reduced time and costs to install due to ease of transportation and minimum civil works
- All tanks and systems are designed and certified to international standards including UL, AS, JIG, ASME and other regulatory requirements
- Paint coatings on tanks conform to ISO 12944 C5I or C5M standards
- Tank interior coated with anti-corrosion oil prior to sea-freight

Standard inclusions across all fuel & lube tanks

- Rugged double walled, self-bunded construction
- Container pins & forklift pockets for easy lifting & transportation.
- Calibrated dip stick
- Overfill protection valve & overfill alarm
- Interstitial space venting & dip monitor for leakage

Fuel tank set-ups & fit outs

- Bulk fuel tank set ups can be designed to suit industrial fuel dispensing, direct connection to genset or pump engines and fuel management systems



FUEL MANAGEMENT



BREATHERS



DISPENSING SYSTEMS



PUMP BAY // METERS



AUTOMATIC TANK GAUGING



SUBMERSIBLE PUMPS



INSPECTION PLATFORM



INTEGRATED FILTRATION



SPILL GRATES



OVERFILL KITS

FUEL ACCESS & MANAGEMENT SYSTEMS (FMS)

- FMS allows you integrated fuel management systems to help you manage, measure, control and report on your fuel usage.
- Control & manage access to fuel tanks & track expenditure
- Analysed ad dispensed only by authorised users
- Secure downloading from anywhere
- Systems are accurate, simple to operate and provide extensive reporting options to suit your needs

UNLOADING & DISPENSING EQUIPMENT

- Dispensing kits for 75 to 8000 LPM with the option to install up to two dispensing kits per pumping package

PUMP BAYS

- Detachable self bunded pump bays
- Lockable and secure

PUMPING PACKAGES (STANDARD OR CUSTOMISED)

Tanks can be supplied bare or fitted with pumping packages to suit your needs including:

- Pumps (solar, 240V mains electric, generator powered or diesel)
- Hose diameter & flow rates
- Hose reels or high mast
- Hose couplings
- Nozzles

GLOBALLY APPROVED RANGE OF PLUG-AND-PLAY OPTIONS.



STORAGE SOLUTIONS

- Configurable storage solutions tailored to the mining industry
- Storage houses for lubrication, explosives, and other dangerous goods
- Pump houses with complete fittings and accessories



CLIP-ON WALKWAYS

- We supply and install walkway, ladders and platforms onto tanks for safe inspection and maintenance



HOSES // REELS // NOZZLES

HOSE & REEL BAYS

- Heavy duty hose reels to meet all your requirements
- Wide variety of hoses
- Nozzles to pump fuel

STAIRWAYS & RAILINGS

- We supply and install joining bridges, inspection platforms, stairways and handrails which allows for safe tank inspections and maintenance



WALKWAYS // STAIRS // RAILINGS

CANOPIES

- We can design and install refuelling canopies to suit your fleet and business needs

SOLAR PANELS

- We can supply and install solar powered dispensing kits for all your remote sites

PIPEWORKS

- We supply only Stainless Steel pipes for linking pipeworks
- Our pipeworks are independently pressure tested to ensure operability

OTHER PLUG & PLAY OPTIONS

We supply a full range of bolt-on options including:

- Loading arms
- Waste drains
- Tank cradles
- Unloading gantry
- Lighting



CRADLE-TO-GRAVE SOLUTIONS TAILORED TO YOUR REQUIREMENTS.



ENGINEERING AND DESIGN

System design, regulatory compliance and customised solutions for bulk petrochemical facilities

- Bulk fuel and retail facility design
- Engineering, design and project management
- Process design including facility automation
- Pump station and pipeline design
- Customised solutions
- FEA, hydraulic calculations and 3D modelling capabilities

PROJECT MANAGEMENT

In-house project management capabilities that will provide complete turnkey design solutions

- We ensure all bulk fuel facility projects are managed to the highest possible standard by assigning a highly experienced project manager at the onset
- Our collaborative approach means we work with you to ensure that our projects remain on schedule, on cost, on scope every time
- Weekly project updates and communication with clients to ensure they are up to date

SUPPLY CHAIN

We have an extensive network of quality international suppliers who have the capability to deliver in a timely and cost effective manner with:

- Independent third party quality inspections
- Sustainability
- Corporate responsibility
- Global network
- Quality products
- Cost effective solutions

GLOBAL REACH

Through our partners we have an international footprint across multiple continents. Regardless of locality we have the ability to service your petrochemical storage needs with:

- Worldwide service and support
- Local partners globally

INSTALLATION & COMMISSIONING

- We provide seamless installation and commissioning service backed by qualified and professional project managers, technicians and electricians
- Our team are on-hand to ensure your tank and dispensing equipment is installed and operating for maximum productivity
- Whether it be fuel management systems or automatic tank gauges or specialist welding and piping solutions.
- We engage suppliers and contractors at the forefront of their industries that complement our own in-house skills and experience
- Allowance for engineers and supervisors to be on-site to supervise install & commissioning activities and support work site crew
- Customised decals with company colour and logo
- Complete site assessment & handover

SERVICE & MAINTENANCE

- Installation & commissioning
- Calibration of pumping and site equipment
- Pump and pipeline testing
- Complete clean up, ensuring no environmental contamination
- Tank cleaning, de-commissioning and environmentally safe product disposal
- Ensure environmental and legal requirements are met at all times
- On-site maintenance for all fuel equipment
- Advice on product storage, legislation and site requirements
- Disposal and removal of fuel and related products
- Preventative maintenance packages available to suit your project
- Parts and accessories stocks at our factory

TURNKEY SOLUTIONS FOR:

- Bulk diesel fuel storage systems
- Bulk lubrication oil storage systems
- In-pit refuelling systems
- Power generation systems
- Dangerous goods storage
- Chemical storage systems



EXPERTS IN DESIGN, MANUFACTURE & INSTALL COMPLETE STORAGE SOLUTIONS.



PROJECT - BULK FUEL & LUBE FARM - WESTERN AUSTRALIA

SCOPE

Fuelco completed a bulk fuel & lube storage facility which involved building diesel and lubricant oil storage for a mining company.

Project involved complete turnkey design of facility including concept design, hydraulic calculations, pipework design, automated tank gauging, dispensing systems etc.

OUR APPROACH

We used a combination of standard Klassic Tanks as well as multi-compartment tanks, walkways and loading links for the entire system, as well as pump-houses and hose reels for unloading and dispensing purposes.

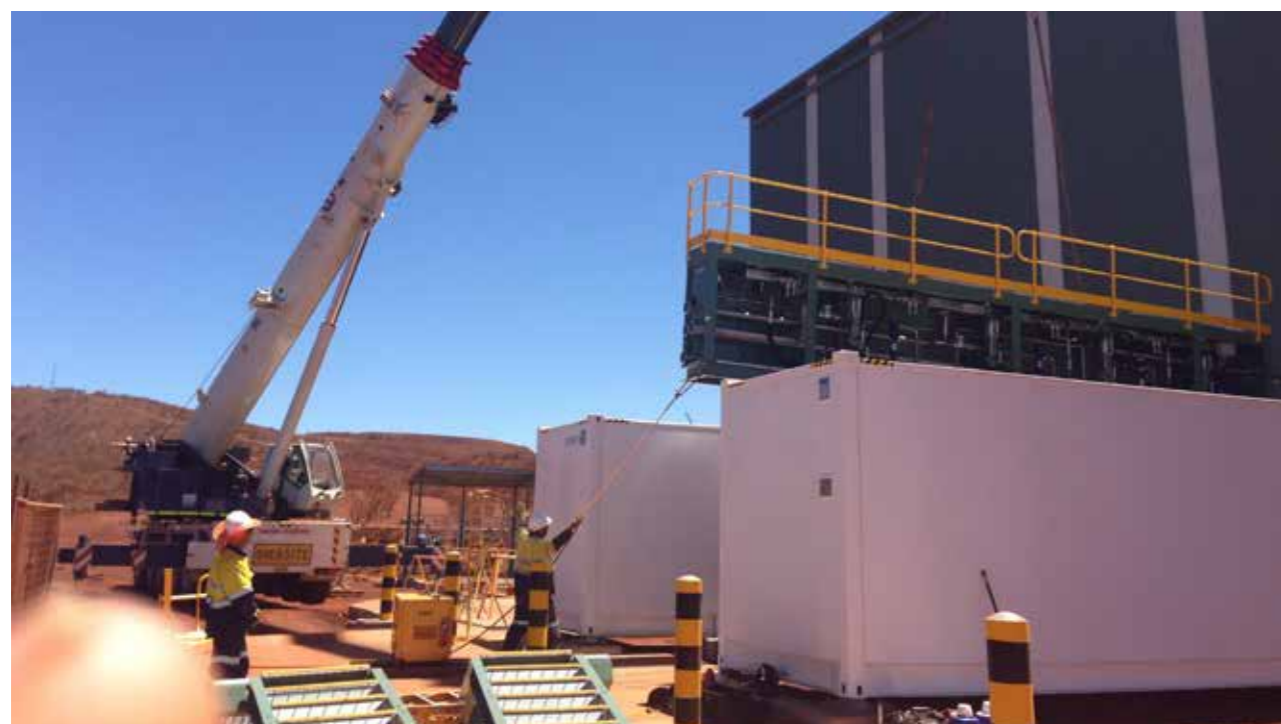
Fuelco designed, fabricated, installed and commissioned the bulk fuel & lube tank farm in Western Turner Syncline, Western Australia.

Our qualified team were on-hand throughout the project to ensure customer expectations were met.

PRODUCT SOLUTION

The Logitank Klassic is a self banded tank suitable for storing a range of fluids including bulk diesel and lubricants. There are two styles available depending on your needs or application; with or without banded pump bay.

These tanks are designed to be transported and installed with minimum civil works.



PROJECT - BULK FUEL FARM UPGRADE - NEW SOUTH WALES

SCOPE

Fuelco recently completed a bulk fuel farm upgrade which involved increasing the fuel storage capacity for a customer operating within the mining industry. As part of the scope, Fuelco submitted comprehensive designs for review prior to supply and installation.

OUR APPROACH

Designed and installed a complete, bulk fuel storage system for a mine operator with the purpose of refuelling heavy vehicles.

We supplied additional tanks and dispensing systems at the site for the purpose of heavy vehicle refuelling. We ensured the new infrastructure integrated with the current tanks and systems. The project included linking kits and pipework for integration with existing infrastructure.

PRODUCT SOLUTION

Modular and transportable fuel tanks are ideal for the mining industry where the volume of fuel required can increase or decrease depending on mining activities. The tanks self banded design is well suited to areas where strict environmental regulations exist.

FEW RECENT PROJECTS INCLUDE

Client	Project	
BP Australia	Lube Farm	Australia
Rio Tinto	Fuel & Lube Farm	Australia
Exxon Mobil	Storage Systems	Australia
Viva Energy	Lube Tanks	Australia
Al Woqod	Service Stations Tanks	Qatar
ADOS	Storage Tanks	UAE
NUC	Storage Tanks	Kuwait
Puma	Aviation & Diesel Storage	PNG
Total	Storage Tanks	PI



GET IN TOUCH

HEAD OFFICE

8 Yazaki Way, Carrum Downs
VIC 3201, Australia

+61 3 9775 1366
sales@fuelco.com.au

AUSTRALIA SALES & SERVICE

1300 FUELCO

ASIA SALES OFFICE

+61 430 531 448

AFRICA SALES OFFICE

+27 11 613 3046

MIDDLE EAST SALES OFFICE

+61 400 931 539

NEW ZEALAND SALES OFFICE

+64 3 384 3008

SOUTH AMERICA SALES OFFICE

+56 9 9219 1598

