



Product Reference Manual





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# PETROLEUM SERVICES

Petroleum Services are leaders in the oil industry, with over 10 years experience in modern practice you can rely on our specialist ability.

Petroleum Services is a limited liability company that has been providing services to the oil industry since 1992. We pride ourselves on providing high quality workmanship and adding value to your business.

Our trade qualified and experienced staff have a broad range of skills including electrical, electronics, mechanical, engineering and fabrication.

Our purpose built complexes in Hamilton & Palmerston North, includes:

1. An OSH approved Dangerous Goods yard for storage of recovered underground tanks and parking of LPG and petroleum tankers.
2. A wash down pad with sediment trap and interceptor pits for tank scrapping and cleaning oil equipment.
3. A truck bay with OSH approved Dangerous Goods area means we can service and repair fully loaded class 3A vehicles.
4. An engineering workshop for fabrication of fuel storage tanks, trailer tanks and containment bunding.
5. A spray painting booth to compliment the manufacturing and refurbishment of products and equipment.

We also have fuel industry related test facilities including:

1. Electrical workshop with electronic test jigs to test and repair fuel dispensing pump components.
2. Pump test bench for wet testing fuel pumps and reconditioned handpieces.
3. Lubrication equipment test bench to test refurbished reels, guns and stub pumps.

Our fleet of fully equipped service vehicles provide on-site servicing and repair to service stations and private fuel installations.

We have a network of contractors nationwide so can deliver solutions wherever you are.



# SECTION 01.

## Lubrication Systems

Petroleum Services design, build and install lubrication systems. With our list of preferred suppliers we can provide high quality systems and cost effective pricing. We look at the life cycle cost of an installation when proposing solutions and do not just offer cheap products. We can advise on the best solution for individual customer needs or package a solution to meet a budget. You can rely on our experience.

# OIL

## Hand Pumps & Accessories



1 20L & 60L drum mounted sprung loaded hand pumps



2 20L & 60L drum mounted plastic hand pumps



3 Combination 60L & 205L drum mounted rotary hand pumps



4 Combination 60L & 205L drum lever pump



5 Oil Jug 1L, 2L & 5L



6 Wine Glass Drainers 18L Bowl and 14L Plastic Drain Tray with power

# OIL Accessories



1 Oil Pump  
Thermal Relief Valve



2 Single Gun Drip Tray



3 Dual Gun Drip Tray



4 Hydraulic Hoses  
Length to suit

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# OIL

## Electric & Air Operated Pumps



1 Combination 60L & 205L drum mounted air operated drum pump + faucet



2 60L & 205L air operated drum pump up to 50:1 ratio. For light oils/grease



3 60L & 205L air operated drum pump 3:1 and 50:1 ratio. For heavy oils



4 Medium duty stub pump up to 3:1 ratio for pumping light to medium oil



5 Heavy duty stub pumps up to 3:1 and 5:1 ratio for pumping heavy oils



6 1:1 ratio, diaphragm pump for multi products including waste oil



7 Electric pump For oil

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# OIL Electric & Air Accessories



1 Air  
Air Regulator



2 Air  
Air Filter Regulator



3 Air  
Air Filter Regulator Oiler

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# OIL Pumping Kits & Mobile Solutions



1 Mobile or Drum Mounted



2 Fixed VIA Mounting Bracket



3 Discharge.  
Fixed VIA Mounting Bracket



4 20L & 60L Drum Trolley  
2 and 4 Wheels



5 4 Wheeled 205L Drum Trolley  
STD and Heavy Duty



6 205L Mobile Unit Electric Pump

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# OIL

## Reels - Oil / Air / Grease / Water



1 OIL. 10 - 15mtr hose length  
15 - 20mm diameter



2 GREASE. 10 - 15mtr hose length  
6mm diameter



3 WATER & AIR. 10 - 15mtr hose length,  
15 - 20mm diameter



4 10 & 15mtr Retractable Oil &  
Grease Reels



5 Composite Hose Reel Kits

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# OIL Dispensing

Oil Bar / Non-metered / Metered

Presets / Mobile



**1** High Pressure Oil bar complete with up to 3 faucets fed via Air Operated Oil Pump



**2** Self Pump Over 420L Bulk Tank and Dispensing System



**3** Oil dispensing Nozzle - metered



**4** Oil Dispensing Nozzles, Non Metered



**5** Mobile Service Unit Custom Built Multi-compartment Tanks with 12/24 v or Air Operated Pumps

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# GREASE Kits

Pump / Follower Plate / Drum Covers  
Hose / Gun / Swivel



**1** GREASE  
Mobile & Drum mounted 20kg to 180kg



**2** Pump and Gun Kit  
(lid, pump, follower plate and gun)



**3** Transfer Pump to Fill Grease Dispensing Systems  
From 12 to 60kg Drums

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# GREASE Accessories



1 Electronic Grease Meter  
Registers Amount Dispensed



2 Booster Gun For Air Operated  
Grease Pump



3 18v Battery Operated Grease  
Gun, 450kg Cartridge



4 Lever Gun 450g Cartridge



5 Air operated grease gun  
with refillable cartridge



6 Z-swivel for Grease Guns



7 Nozzle Flexi's



8 Grease Couplers



6 Grease Kit Accessories  
Follower plate, drum cover,  
Z-swivel, hose, gun nozzle

# WASTE OIL Drainers



1 Mobile 70L Pressurised Discharge Waste Trolley



2 Mobile 100L Pressurised Discharge Waste Trolley



3 Mobile Waste Oil Trolley 60L Capacity



4 Mobile Oil Trolley, 90L Capacity



5 Mobile Waste Oil Trolley Pit Mounted 60L - 120L Capacity



6 Wine Glass Drainers 18L Bowl and 14L Plastic Drain

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# WASTE OIL Pumps



1 Air operated  
40Lpm

2 Diaphragm pump  
90Lpm

# WASTE OIL Tanks & Bunds



1 Waste oil tank and bund assembly with fill and extraction points



2 Waste Oil Light Warns at Agreed Oil Level



3 Plastic Tank 500L - 1500L New and Waste Oils



4 Plastic Bund 500L - 1500L



5 Plastic Tank 1000L New or Waste Oil



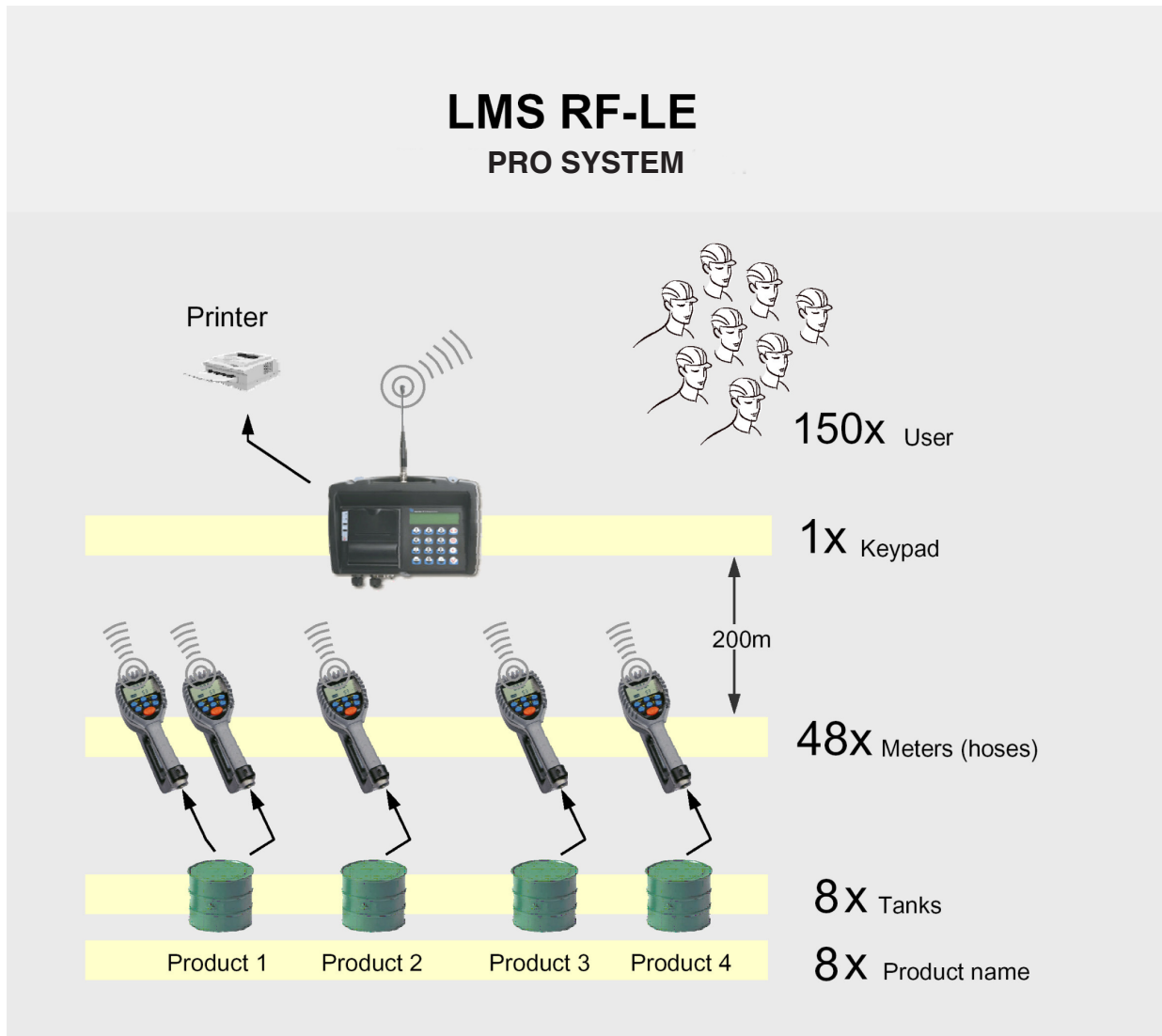
6 Plastic Bund 1000L

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# FLUID MANAGEMENT

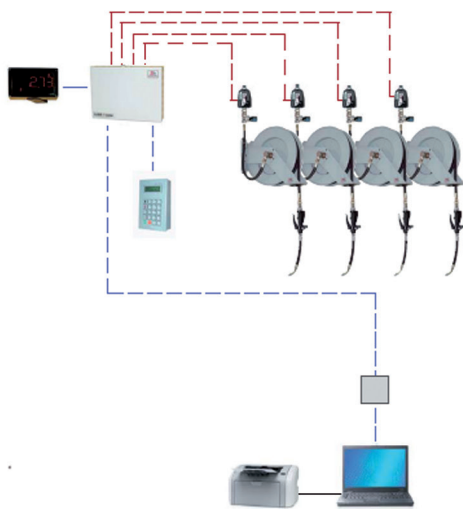
## Badger Wireless



- 1 Master control unit software/hardware, programming & software setup, key pads, RF Oil dispensing guns, RF coolant dispensing guns, booster antenna, interface systems, uninterrupted power supply

# FLUID MANAGEMENT

## Lube Master



1 Installation

2 Tools & Features

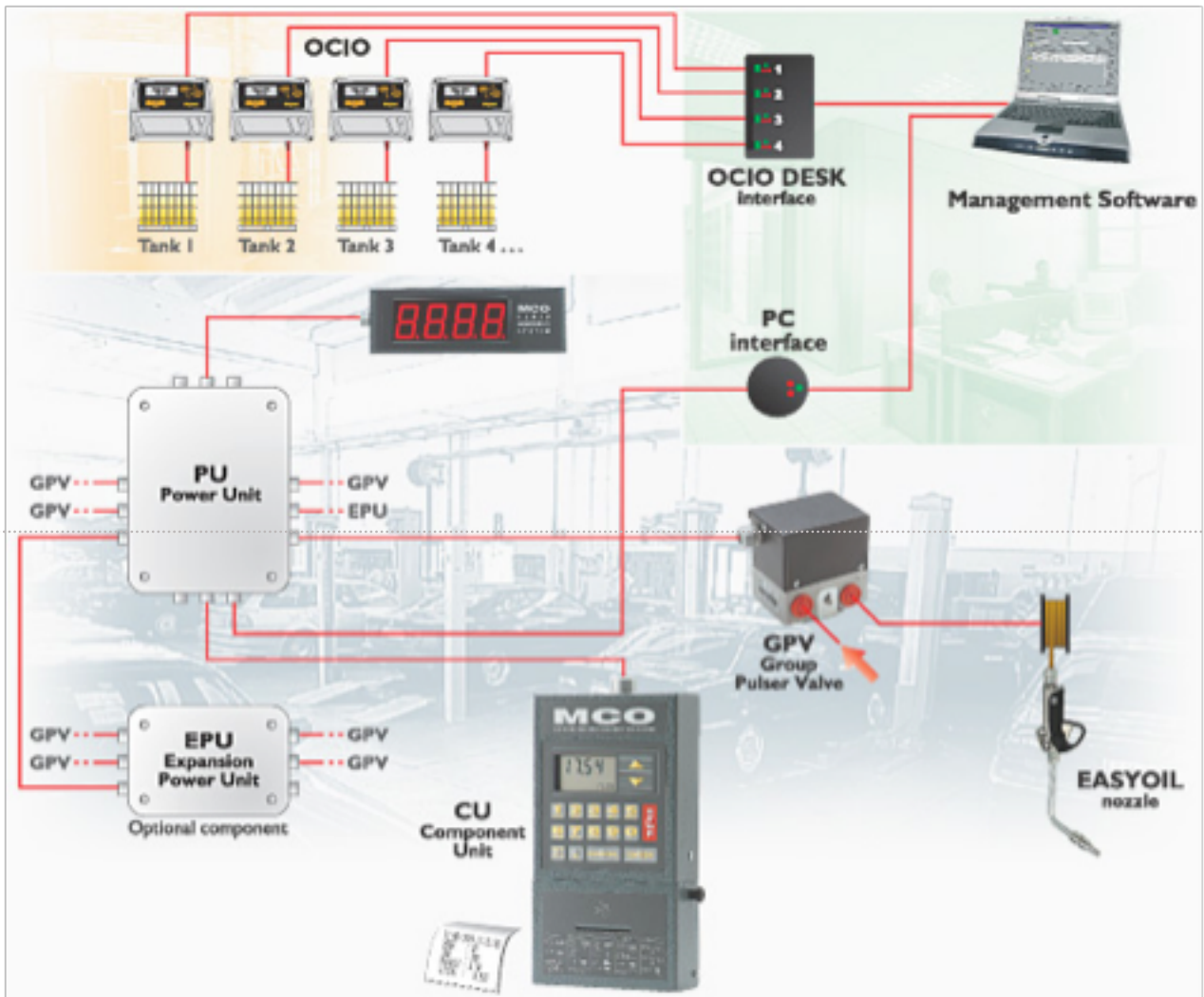


3 Batch Dispensing



# FLUID MANAGEMENT

## Piusi MCO



1 Diesel fuel dispenser configuration, control and data collection systems

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SECTION **02.**

## **Fuel Storage & Pumps**

Tanks and equipment for all fuel and oil applications such as farmers, contractors, commercial and industrial refueling operations.

# FARM TANKS

Above Ground sizes from 600L - 1850L

On Ground sizes from 600L - 4900L



1 Above Ground  
Single Compartment



2 Above Ground  
Dual Compartment



3 1850L On ground with Fuel  
Management



4 On Ground  
Donaldson electric with filter system  
3000L



## KIWI TANKS

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# MOBILE RE-FUEL Contractor

sizes from 600L - 2000L



1

Braked Single or Tandem Axle



## KIWI TANKS

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# MOBILE RE-FUEL

## Basic Series

sizes from 600L - 2000L



1 Unbraked single axle with Honda pump



2 200L Handpump - petrol / diesel



3 400L Plastic Ute tank, 12V DC pump with earth strap, diesel only, 200L - 1000L available with lockable options

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# KIWI TANKS

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# COMMERCIAL FUEL STORAGE

## Fuel Transfer

sizes from 2000L - 100,000L



**1** Sledge Tank  
5000L - 20,000L



**2** Truck Stop



**3** Truck stop with dual dispensing and pylous



**4** Single or Multi Compartment  
5000L - 100,000L



**5** 4900L motorised with lockable engine cover



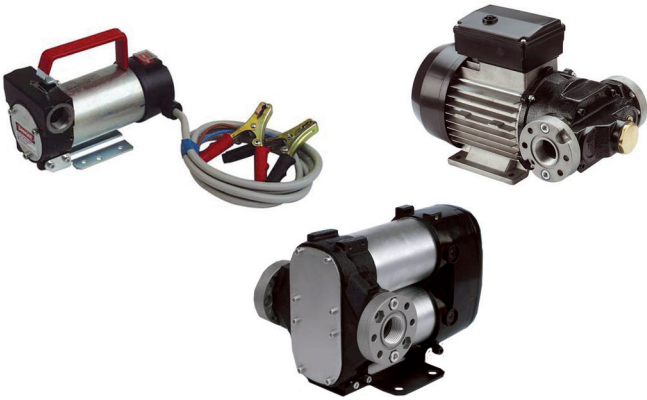
**KIWI TANKS**

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# PUMPS

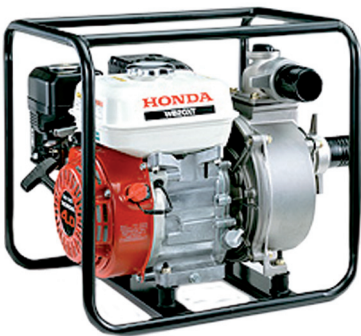
## Fuel Transfer



1 Diesel  
12 VDC / 24 VDC / 230 VAC



2 Petrol  
12 VDC / 24 VDC / 230 VAC



3 Diesel  
Motor Powered



4 Diesel  
Dispensing

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# PUMPS Fuel Management



**1** Pin Access  
Complete Units



**2** Pin Access  
Upgrade / Multi Fluid



**3** Card Access  
Complete Units



**4** Tank Gauging  
Fluid Level Monitoring



**5** Fuelguard  
HID reader and pump controller

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# PUMPS

## Fuel Accessories



1 Basic Filters  
Petrol / Diesel



2 Donaldson Filtration  
Diesel filtration to meet ISO standards



3 Flow Meters  
Petrol / Diesel



4 Nozzles  
Manual / Auto



5 Hose & Swivels  
Farm & Industrial

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# SECTION 03.

## Spill Response Kits

We have a full range of spill response products for the management of fuel and oil spills which are now required to manage any potential spill at all fuel storage locations (farm, workshop or service station). We have a range of pre-assembled kits for easy storage and use.

# SPILL RESPONSE KITS

## For Fuel & Oil



**1** Pail Spill Response Kit - 10L  
Farms, lifestyle blocks and motorbikes & ATV's

**2** Pail Spill Response Kit - 20L  
Service Vehicles and small workshops



**3** Drum Spill Response Kit - 60L  
Tankers and medium sized workshops

**4** Wheelie Bin Spill Response Kit - 120L  
Large workshops or re-fuelling sites

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