

We offer Australian Standard Compliance, Innovation,
and Practical Engineered Packages of the Highest
Quality and Workmanship.

FUEL MANAGEMENT SYSTEMS

 **EQUIPCO®**
INNOVATIONS IN FUEL HANDLING
www.equipco.com.au



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**Doesn't matter what
your fuel usage is**
EVERY DROP COUNTS

— LEADING INDUSTRY KNOWLEDGE —
LEADERS
IN THE PETROLEUM INDUSTRY
FUEL STORAGE SOLUTIONS —
26 YEARS
FUEL-OIL-GREASE-ADBLUE
— EQUIPMENT INNOVATION —

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WHY DO I NEED FUEL MANAGEMENT SYSTEM?

1

Reducing Fuel Consumption

Fuel consumption is reduced by ten to twenty percent.

Reducing Labour

Reports pertaining to fuel distribution, consumptions, and inventories can be produced and sent automatically

2

3

Minimizing Downtimes, Damages, and Breakdowns

Automatically manage level alarms, and send tank level notifications

Taking Some Money Back

Automatically track exactly how much fuel is consumed by those assets, and spit out the relevant reports within seconds.

4

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Reducing Fuel Consumption

For each fuelling transaction, a fuel management system will make sure that the operator and the vehicle are identified and will keep track of how much fuel is taken. It will also eliminate spillage and make it virtually impossible to take fuel unless authorized. Finally, it will allow for tight fuel inventory management through reconciliation of fuelling transactions, totalizer readings, and tank levels. Through these benefits, fuel consumption is reduced by ten to twenty percent.

Reducing Labour

There are several ways a fuel management system can reduce labour (remember, our #1 operating cost?). Firstly, by eliminating the paper transaction tickets, administrative labour is reduced, as the need to manually enter fuelling transactions into some accounting or ERP system is eliminated. Furthermore, any fuel management system worthy of the name will feature automatic data transfers from its software to any other third party system. Finally, all useful reports pertaining to fuel distribution, consumptions, and inventories can be produced and sent automatically, based on your requirements.

Minimizing Downtimes, Damages, and Breakdowns

A good fuel management system can interface with an electronic tank gauging system, allowing it to automatically manage level alarms, and send tank level notifications to relevant recipients, such as procurement and suppliers. In this scenario, orders are placed in a timely manner, and emergencies such as tank leaks are addressed swiftly. Any situation where undetected leaks are a possibility should be rectified immediately, as soil decontamination can be extremely costly.

Also, a fuel management system can be used to capture vehicle data pertinent to preventive maintenance. So not only is data pertaining to each fuelling transaction captured, but vehicle

mileage, engine hours, fault codes, etc. are also provided. High calibre systems will even automatically capture data as vehicles simply drive by. This set up will provide the maintenance department with timely and accurate data, allowing it to recall vehicles based on appropriate preventive maintenance plans. Costly breakdowns and downtimes are reduced, and everyone is happy.

Taking Some Money Back

If fuel consuming assets operate both on and off the road, chances are that some kind of road tax is paid on the fuel, and the tax paid on the off road usage is claimed at the end of fiscal. A fuel management system can automatically track exactly how much fuel is consumed by those assets, and spit out the relevant reports within seconds. So on top of decreasing fuel consumption by 10%-20%, reducing labour, and extending the life of equipment and vehicles, we also get to take some money back from the tax man. Isn't technology grand?

The advantages described above are only the tip of the iceberg. There are several other reasons to implement an automated fuel management system, and the importance of each of them varies, not only from one industry to another, but also from one firm to another. I hope to have provided a good starting point in your quest to improve fuel operations. I'd be more than happy to discuss this stuff further, so please do not hesitate to get in touch, and remember: account for every drop of fuel spent.

FINALLY

If you have any doubt about your installation or want advice on what will best suit your operation, the sales team at Equipco can offer you advice for the best system to suit you.

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FUEL MANAGEMENT PUMP DISPENSER

www.equipco.com.au

Fuel Management Pump Dispenser

MADE IN EUROPE

✓ Connection & Access

Internal pump is our M70HD/M100HD – 70/100LPM rotary vane style pump. Self priming with internal bypass valve. Sturdy cast iron pump body

✓ Operation

Advanced double or single entry of Pin and Key Fob recognition – with time out function to stop overfilling of tank past allowed set time. Completed with USB key reader, Managers key and 10 user keys. Codified communication kit USB key reader for PC. 200 user capability.

✓ Tank level reporting

Fuel deliveries can be entered into the system to give virtual tank levels at all times.

✓ Pre-set refuelling amount

Turn off pump when set amount is reached

✓ Software can control multiple pumps

On one reporting area with downloading of data for CSV export.

✓ Optional LAN internet module

For direct PC connection for immediate reporting on all transactions.

✓ Pedestal

Optional pedestal available

Equipcos MPE Fuel Management Dispensers are a simple to use, cost effective solution that gives you control of your fuelling operations. Available in 70LPM and 100LPM models, the MPE dispensers are the full package, coming complete with PC software and all required connections. With customisable controls, the system is scalable to your desired level of security with options for tag or pin entry for users and vehicles.

MPE-70/ MPE-100

FUEL MANAGEMENT
PUMP DISPENSER



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FUEL MANAGEMENT CONSOLE BOX

www.equipco.com.au

HA-240P

FUEL MANAGEMENT
SYSTEM CONSOLE BOX



Commercial Packaged Pump Kit



Fuel Management System Console Box

MADE IN EUROPE

✓ Connection & Access

240 Volt, 1 pump, console panel. USB transfer at the console on the tank. Pump, flow meter with pulser and nozzle switch is possible in standard configuration.

✓ Operation

PIN & twenty (20) secure tags for driver & vehicle identification. Includes proximity key reader. USB data transfer stick

✓ Vehicles/Users/Transaction Memory

2000 vehicles/2000 users/10000 transaction memory

✓ On-road & Off-road Capability

Yes. Automatic filtering for tax rebate purposes.

✓ Software

Includes basic software ECO HD Manager

✓ Display:

LC-display, 2 x 20 digits, 9 mm character height

Complete FMS kit with 100 LPM 240 Volt pump, 10 micron filter, electric box with E-stop, nozzle switch and 6 Mtr hose with Auto nozzle all mounted on stainless steel plate for easy fitting to tank or wall. No suction hoses connectors, valves, anti siphon or electrical work done on panel or pump wiring. 80 LPM at the nozzle.

Suits all diesel tanks requiring USB download data for reporting on PC.

Simply requires – suction connections and electrical wiring to be done by your electrician.

HA-240PTKC

COMMERCIAL
PACKAGED PUMP KIT



We offer Australian Standard Compliance, Innovation, and Practical Engineered Packages of the Highest Quality and Workmanship.

GIR FUEL MANAGEMENT SYSTEM

GIR-1PTRECO

GIR GLOBAL FUEL MANAGEMENT

www.equipco.com.au

GIR Global Fuel Management System

MADE IN EUROPE

✓ Connection & Access

240 Volt GIR Global Fuel Management System to suit 1 pump.

✓ Operation

RFID Tag reader, Cabinet and 20 tags. 4G GSM connection.

✓ Software

Price includes Cloud based W150 software with twenty four month hosting, backups, server patches and ability to view from your web browser anywhere you have connection, also includes initial remote set up and initial training only.

✓ Mobile App

✓ Pump Motor

Includes 240V pump motor contactor and overload to be wired by your electrician (please specify pump motor amp rating when ordering).

✓ SIM card

SIM card and plan provided by others.

✓ Options

Extra pump modules available as options.

240 Volt GIR Global Fuel Management System same as above GIR-1PTRECO.

Complete FMS kit with 100 LPM 240 Volt pump, 10 micron filter, electric box with E-stop, nozzle switch and 6 Mtr hose with Auto nozzle all mounted on stainless steel plate for easy fitting to tank or wall. No suction hoses connectors, valves, anti siphon or electrical work done on panel or pump wiring. 80 LPM at the nozzle

GIR-1PTRTKC

GIR PACKAGED PUMP KIT

GIR Packaged Pump Kit

