FUEL
MANAGEMENT
SYSTEMS

EQUIPCO®

INNOVATIONS IN FUEL HANDLING

www.equipco.com.au
1800 813 182

PRO - FMS Bowser

- The Pro – FMS diesel bowser is distinguished by its ease of operation and configuration. Suitable to assist management of small to medium fleets, up to 2000 users.
- 240 Volt, single pump for diesel fuel only.
- LCD display and keypad.
- Includes basic PC software for up to 2000 users, USB interface for data transfer, USB download stick, 4 Mtr hose, auto nozzle with swivel, nozzle holster with switch and 10 user RFID tags.
- Small compact and robust cabinet.
- Option of 80 LPM and 100 LPM max free flow models.
- Optional 3G modem is available.

Code	Description
80FMS	ProFMS diesel bowser with 4 Mtr hose, auto nozzle, basic PC software, USB and 10 user RFID tags. 240 Volt. 80 LPM max free flow.
100FMS	ProFMS diesel bowser with 4 Mtr hose, auto nozzle, basic PC software, USB and 10 user RFID tags. 240 Volt. 100 LPM max free flow.
HA-3GV8	3G Modem expander card to suit HA-240P FMS Panel. Includes software license Version 8 - no ongoing fees. Single once-off charge.
CS-PVS	Cloud software Pro version for full unlimited reporting.

FMS BOX

The HA FMS console is distinguished by its ease of operation and configuration. Its modular design delivers the performance required to manage small to medium fleets up to 2000 users.

Controls one dispensing point, not for resale

- 240 Volt, 1 pump, console panel
- Display: LC-display, 2 x 20 digits, 9 mm character height
- Connection of: pump, flow meter with pulser and nozzle switch is possible in standard configuration.
- ID up to 2,000 drivers and vehicles

- Capacity: approx. 10,000 filling operations, electronic journal
- Includes basic software ECO HD Manager
- Includes proximity key reader
- USB data transfer stick
- 10 x RFID tags

HA-240P

Options:

- 3G modem
- Cloud software
- Tank level interface and probe
- 5 pump controller

Code	Description
HA-240P	HA fuel management console panel with 1 Pump controller. Basic PC software with USB data transfer,USB download stick and10 x RFID tags.
HA-3GV8	3G Modem expander card to suit HA-240P FMS Panel. Includes software license Version 8 - no ongoing fees. Single once-off charge.

Fuel Equipment

Oil/Lube Equipment

AdBlue Equipment

EQUIPCO ®
INNOVATIONS IN FUEL HANDLING

Innovative Solutions For Fuel And Fleet Management
Because at Equipco we believe that every drop counts

HOW MUCH FUEL HAS BEEN DELIVERED
- Who delivered fuel and when.
- How much fuel they delivered.
- Which tank received the delivery.

MEASURE FUEL IN STORAGE
- Measure as volume, level and %.
- Read tank levels from your phone, tablet or PC.

CONTROL DISPENSING OF FUEL
- Control who can pump fuel.
- Measure fuel dispensed into vehicle and machinery.
- Tag and pin code control for security.
- Odometer or hour prompt.

REPORT TO IMPROVE PRODUCTIVITY
- Peace of mind reporting cover all aspects of who, when and where fuel went.
- Real time reporting on phone, tablet or PC.
- Report by driver, vehicle, liquid type and site.
- Record vehicle odometer or hours.
- Set alerts and warnings by email.
- Management control over how much fuel can be dispensed per vehicle/user.

COMMUNICATION FROM TERMINAL TO PHONE, TABLET OR PC

3G modem
No trenches to dig, ducting or cables to install.

LAN
Simple existing CAT5 connection

Wi-Fi
Utilise your existing system to communicate easily – direct to cloud or on premise software.

USB
Direct download for remote sites.

MAKE IT EASY TO MANAGE YOUR FUEL USAGE
- Track your fleet consumption
- Reconcile with easy reporting
- Accurate tank levels
- Instant transaction history
- Keep in touch – even when on holidays

New software update.
W150 outstanding mobile App release

W150 software

- Real-time communication between terminals and software(2500 transaction memory in case of link failure).
- Flexibility with web-based software, accessible from any point of the network.
- Up to 3000 vehicles and 5000 drivers.
- Available with GPRS communication and web hosted software (SaaS).
- New mobile App for easy use from your smart phone.

W200 software

- Real-time communication between terminals and software(2500 transaction memory in case of link failure).
- Flexibility with web-based software, accessible from any point of the network.
- Up to 50000 vehicles and 50000 drivers.
- Available as web hosted software (SaaS) or classic local installation on your computer.

GIR fuel management system gives me all I need to manage my fleet efficiently and effectively.

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GIR FUEL MANAGEMENT

The GIR- Global terminal is a user friendly fuel management system. Connecting up to 16 existing or new fuel pumps, (the only requirement is a pulse output from the pumps).
The system comprises two parts - The GIR terminal and GIR PC software.
The GIR PC software can be installed on a dedicated PC collecting refuelling data from the GIR terminal.
Choose between Wall mount max 4 pumps or Floor pedestal cabinet max 16 pumps.
3G Modem for web based software will enable cloud based features and ease of access from the worldwide web.Or can be accessed on any internet ready PC, MAC or Smart Phone via secure login to access live fuel transactions and tank stocks when GPRS (web based) system is installed.

Optional Barcode scanner and cradle

Code	Description
GIR-1PTRE	GIR Terminal 1 pump, RFID Tag reader ,Cabinet and 20 tags. Ethernet connection.
GIR-2PTRE	GIR Terminal suit 2 pumps, RFID Tag reader, Cabinet and 20 tags. Ethernet connection.
GIR-IBR	The i-Button reader for conventional ID Button keys.
GIR-RFID-K10	RFID Key Fob Easy user or vehicle identification is provided with key fobs. Pack 10.
GIR-NSM5	Wi-Fi Nano station. WIFI Nano station 240 Volt 5GHz 16dBi airMAX 150+ Mbps.
GIR-1PUM	1 Pump Module Add-on * add to kit -fits 5 in standard box
GIR-USB	USB Memory Stick 2G.
GIR-GSM	GIR Global GSM 3G Modem Module- SIM not included.
GIR-SD25A-12	12 Volt DC-DC converter 2.1 Amp.
GIR- MR1	Magnetic card reader set with din rail module.
GIR-GRS232	Gauge module GIR Global RS232 tank gauge module. suits Veederoot, Franklin and Hectronic etc.
GIR-BCS	Barcode scanner for fast efficient vehicle recognition for pre – authorizing fuel transactions automatically. Links to the GIR Global FMS system. Bluetooth between cradle and handpiece.
GIR-GPRO	Gauge Module 4-20mA GIR Global tank gauge module 4-20mA 8 port probe connection analogue - OLE or probe only (need to add ATG extra).
GIR-OSF-W150	Online W150 set up fee for each GIR Terminal.
GIR-WSW150-24	W150 Web Access 24 month plan. Includes server backup,updates,patches and local support 2 hours per year maximum.
GIR-WSW200-24	W200 Web Access 24 month plan.

Fuel Equipment

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AdBlue Equipment

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AUTOMATIC VEHICLE I.D FOR REFUELLING

Link automatic refuelling tag system to fleet or mining machinery for fast fail-safe vehicle refuelling.

NPS-1

Vehicle tags
Utilising the Carpass RFID identification tag for either light vehicles with a chip and antenna in one compact unit. Simply fix it at the inlet point on fuel cap for easy deployment

FPS-1

Truckpass
The Truckpass for heavy vehicles is a ring with a variety of sizes to fit most vehicles and fuel inlet points.

WGT

Network gateway
A WGT wireless network gateway device captures all information and authorises transactions via the fleet head office server.

NR-L

Nozzle readers
The nozzle reader is designed to withstand harsh environments, is compact and fits directly onto the fuelling nozzles, and requires no wires or external power source. A version is available for attaching to large mine refuelling nozzles.
Utilizing the RFID technology the nozzle reads – authorises and uploads the encrypted data to the automation system.
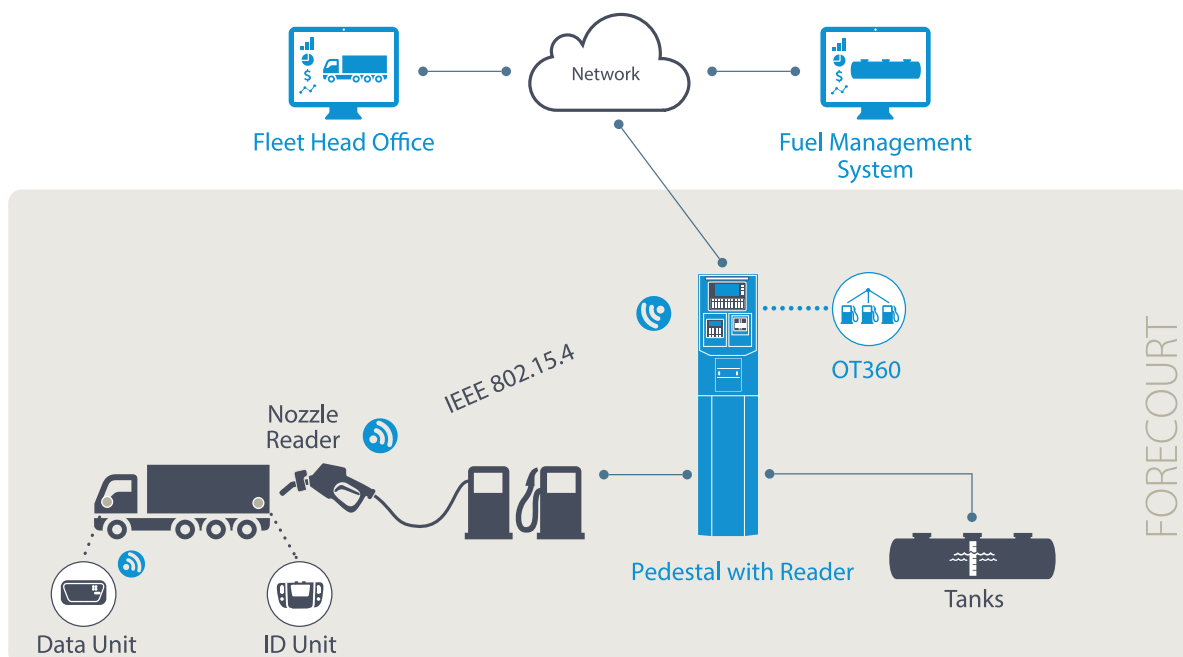
VDP-1

Data Pass
An optional compact transmitter that connects to the vehicles on board computer for full reporting automatically of odometer, engine hours, fuel consumption, driver behaviours and diagnostic errors. Versions are available for light or heavy vehicles.

Code	Description
NPS-1	Passive RFID tag for light vehicles
FPS-1	Passive RFID tag for heavy vehicles
WGT	Wireless network gateway 240 Volt. AC
NR-L	Nozzles reader – Light refuelling nozzles
VDP-1	Data pass transmission for light fleets 9-32V DC
DPH-1	1Data pass transmission for heavy fleets. Mining trucks. 9-16V DC
AMT-R	RFID - optional tags
FO-SW	Fleet head office software. Web portal
GIR-DB	GIR-Truckpass link bridge

Fleet Head Office — Network — Fuel Management System

IEEE 802.15.4

Nozzle Reader

Data Unit

ID Unit

Pedestal with Reader

OT360

Tanks

FORECOURT

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MINING EARTHMOVING I.D. TAG CONTROL

Utilising our heavy duty industrial mining package. Scalable and modular systems to suit varying fleets and sites with single I.D. tag – Equipment data downloads and double entry driver- user tag for total operator management.

- Robust and secure technology.
- Monitor and track fuel inventories, purchases and usage.
- Rugged and suited for extreme environment conditions.
- Integration with other operation/ERP systems
- Real time fuel inventory reports.
- Advanced alert features.
- Reports on fuel burn/litres per tonne transported etc.
- Control of refuelling time for optimisation efficiency.

OTR-KB

OTR-B

Code	Description
OR3000	Dispenser control system
WNR-H	Nozzle reader -suits Wiggins or other compatible nozzle types.*Installation need wiring components additional – not included.
EBO-W	Fuel inlet 2" round. Wiggins/Banlaw type.
EBH-W	Fuel inlet 2" Hex. Wiggins/Banlaw type.
OTR-B	Tag RFID reader -LCD display.
OTR-KB	Tag RFID reader and keyboard with card option
OTC	Mobile fleet truck controller

Any fleet with its own operated fuel system requires thorough management capabilities from the pump to the head office. The OR3000 offers complete site automation for both attended and unattended sites. It controls dispensers, tanks, and fueling trucks using ruggedized controllers and field-proven OT360 software.

OTC Truck Controller

OTC is a mobile fleet fueling controller specifically designed for installation on fuel tanker trucks. Housed in a ruggedized box for harsh conditions and extreme temperatures, it features cushioning shock absorbers that dampen vibrations in severe driving environments. The unit controls, monitors and stores on the spot refueling data. It is successfully deployed in various markets including mines, airports, and construction sites.

Options include an OTR tag reader for fueling authorization, and a compact mobile printer for installation in the truck cabin.

OTC

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COMMERCIAL REFUELING SOLUTIONS

Equipco design and supply customized dispensing solutions for refueling operations

The HDM Pro is a professional diesel dispensing station with many innovative aspects and unbeatable features. Modern design – high-performance fuel terminal!

- 1 or 2 dispensing nozzles
- 100, or 140 LPM flow rate
- Graphical display 640 x 480
- Fuel terminal with PC software (2,000 users)
- Electronic journal, up to 10,000 dispensation entries
- USB interface for data retrieval
- Identification via RFID tags
- Optional data retrieval via LAN
- WiFi & GPRS interface options available for online instant recording.

Code	Description
HDM100	100 LPM HDM Pro professional diesel dispensing station
HDM140	140 LPM HDM Pro professional diesel dispensing station

Industrial Pumps

- Single or dual hose
- Variety of flow rates - 40, 80 and 160 LPM
- Non wearing high performance COM50, COM125 or COM250 meter
- C4000 electronics approved for use in Class 1 Zone 1 hazardous areas
- Large display 6 x 25mm digits for displays with backlighting showing money only, or money, volume and unit price
- Easy to service - most pipe connections are flanged minimising screwed connections and speeding up service.
- Plug and Play - dispensers are factory tested and ready for installation
- Suitable for diesel or petrol.

BULK UNLOADING PUMP - METERING SYSTEMS

EQ 600/ EQ 1000/EQ 1500

With a variety of models, Equipco has the perfect solution for every need:

- Unmetered input into storage tanks calibratable output.
- Standard throughputs of approx. 600 LPM, 1000 LPM , 1500 LPM. – other options on request.
- Additional storage pumps
- Mechanical meter with/without receipt printer
- Electronic FuelMaster controller with linear volume correction to 15°C
- Connection to PC
- Non NMI

Code	Description
EQ600	Commercial Bulk Unloading Pump Metering Systems. 600 LPM
EQ1000	Commercial Bulk Unloading Pump Metering Systems. 1000 LPM
EQ1500	Commercial Bulk Unloading Pump Metering Systems. 1500 LPM