

Compact, encased diesel supply units equipped with electric pump in 12 VDC, 24 VDC, 230 VAC or with pneumatic pump. Easy to install and prepared for an immediate use these units are suitable for stationary installations as well as for mobile applications on trucks or pickups.



Art. no. **6247**
Art. no. **6741**
Art. no. **6750**

Art. no. **6247**

MINI DIESEL 40E

Encased diesel supply unit with electric pump (12 VDC/24 VDC), composed of:

- Electric diesel pump with a delivery of 43 l/min;
- 4 m - delivery hose;
- 2 m – suction hose;
- Automatic nozzle with inlet swivel;
- Mechanical flow meter;
- Suction foot valve with filter.

Art. no. **6741**

MINI DIESEL 50E

Encased diesel supply unit with electric pump (230 VAC), composed of:

- Electric diesel pump with a delivery of 55 l/min;
- 4 m - delivery hose;
- 2 m – suction hose;
- Automatic nozzle with inlet swivel;
- Mechanical flow meter;
- Suction foot valve with filter.

Art. no. **6750**

MINI DIESEL 40P

Encased diesel supply unit with pneumatic pump, composed of:

- Pneumatic, rotary diesel pump with a delivery of 42 l/min;
- 4 m - delivery hose;
- 2 m – suction hose;
- Automatic nozzle with inlet swivel;
- Mechanical flow meter;
- Suction foot valve with filter.



Art. no. **6605 C**
OPTIONAL

Mini Diesel unit with self-supporting column

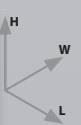
Art. no. **6605 C**

Self-supporting column for Mini Diesel units.

| Art. no. | Voltage | Delivery (at free flow outlet) | Delivery (with hose and nozzle) | Power | Weight | Dimensions (LxWxH) (mm) |
|-------------|-----------|--------------------------------|---------------------------------|-------|--------|-------------------------|
| 6247 | 12/24 VDC | 43 l/min | 37 l/min | 160 W | 19 kg | 420x300x470 |
| 6741 | 230 VAC | 55 l/min | 45 l/min | 370 W | 32 kg | 420x300x470 |



| Art. no. | Compressed air supply | Delivery (at free flow outlet) | Delivery (with hose and nozzle) | Outlet pressure | Weight | Dimensions (LxWxH) (mm) |
|-------------|-----------------------|--------------------------------|---------------------------------|-----------------|--------|-------------------------|
| 6750 | 1-4 bar | 42 l/min | 37 l/min | 4 bar | 19 kg | 420x300x470 |



Diesel supply unit "DIESEL KEEPER" with electronic monitoring system for the administration and the dispensing of diesel in non-commercial applications.

This system particularly offers the following:

- Preset of the required dispense quantities;
- Only authorized access into the system via Smartcard and/or PIN-code;
- Data control and administration on PC with wireless communication via radiofrequency* (or also via cable connection, see art. no. 6227C).



Art. no. 6227

Technical data diesel supply unit:

- Self-supporting cabinet structure in painted steel plate;
- Selfpriming electric pump;
- Automatic nozzle with inlet swivel;
- 3 m – delivery hose 1";
- Automatically ventilated motor;
- Flow meter with pulse transmitter;
- Data entry display;
- Low tension electric switchboard;
- Noise less than 70 dB;
- Accuracy of flow meter +/- 0,5% (min. 10 l);
- Interface PC RS 232 with software;
- Smartcard programming unit.

* Max. distance for wireless communication is 300 m under good conditions.

The presence of other electronic systems or any physical or architectural fences can reduce the transmission range.

| Art. no. | Voltage | Power | Delivery | Connection threads | Weight | Dimensions (LxWxH) (mm) |
|----------|--------------|---------|----------|--------------------|--------|-------------------------|
| 6227 | 230V / 50 Hz | 0,55 kW | 65 l/min | BSP 1" | 102 kg | 630x480x1390 |

Art. no. 6227

The system is based upon the technology of a diesel dispenses monitoring by the use of Smartcards (ICCs). An interface with software for a PC allows the operator to control each single supply and consumption, to activate, to update and to deactivate each Smartcard with data given to each driver and/or vehicle. Besides that statistical data reports can be printed.

The system can distinguish Driver Smartcards from Vehicle Smartcards and is able to control up to **100** drivers and up to **200** vehicles.

The **Driver Smartcards** are only supposed for the personal use and identify each driver (by name, surname and type of access authorization).

The **Vehicle Smartcards** serve to identify each vehicle (by vehicle registration number and model).

The system allows to create different types of access authorization for each driver:

1) Access with Smartcard or PIN

The driver can enter the PIN – code on the display OR insert the Smartcard in order to get access for the dispensing of diesel;

2) Access with Smartcard and PIN

The driver must insert his Smartcard AND must also enter his PIN – code in order to get access for the dispensing of diesel.

Control of consumption

The system will control the diesel consumption of the configured vehicles. Once there are any inconsistencies between the refills of diesel carried out and the registered mileage of a vehicle, a corresponding warning signal will be activated.

The system can also administrate any external dispenses that have been made and will adjust the average consumption value accordingly.

It is possible to carry out free dispenses or dispenses with a preset quantity of diesel through the PC.

Configuration

With the included software the complete installation can be controlled.

- Setup of tanks, assignation with the stored fluid, configuration of storage capacity, minimum level, alarm level, pump stop level;
- Setup of diesel supply units (max. 4), configuration of pulses per liter and number of tanks (max. 4);
- Activation and deactivation of diesel supply units in the installation, configuration of the time between activation and start of dispense as well as of the allowed timeout within a dispense before cancelling it;
- Setup, modification and cancellation of drivers' PIN - codes;
- Setup, modification and cancellation of drivers' Smartcards (general data, type of access authorization, safety code);
- Setup, modification and cancellation of vehicles' Smartcards (vehicle registration number, model description, initial mileage, current mileage, estimated consumption, range until taking action in case of inconsistent data, adjustment of alarm);
- Data transfer from PC to diesel supply unit and vice versa;
- Activation of vehicle consumption monitoring system and entry of external dispense data.

The diesel supply unit can also work if the PC is disconnected and it can save up to 500 operations in its internal memory.

Available also as cable based system (see art. no. 6227C).

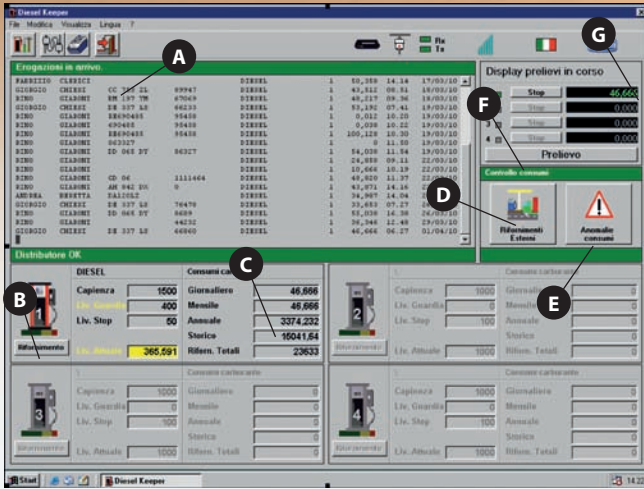


Art. no. 6227C

Electric diesel supply unit "DIESEL KEEPER" with electronic monitoring system, cable based version (data transmission via Belden cables), suitable for installations where a radiofrequency data transmission between PC and diesel supply unit is not possible due to the architectural circumstances or any fences. The cable based version permits also to work on higher distances (500 – 600 m).

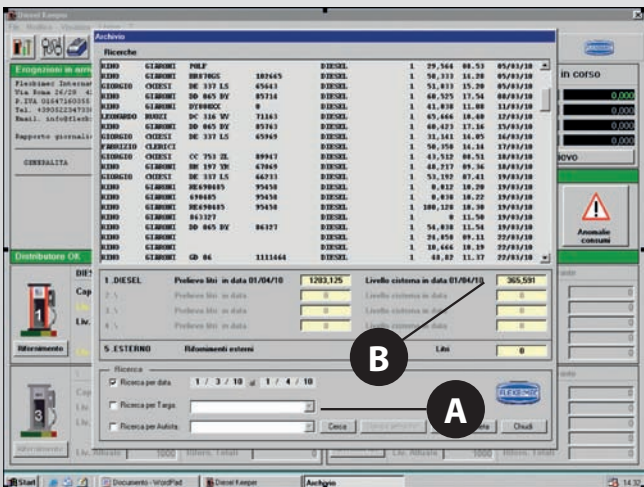
Art. no. 8803

Network cable Belden (sold by the meter).



- A) List of the last dispenses: there are displayed the name of the user, the vehicle registration number, the current mileage, the type of the dispensed fuel, the number of corresponding the storage tank, the quantity that has been dispensed as well as date and time of the transaction.
- B) There can be connected up to 4 diesel supply units: for each unit the total capacity, the warning level, the pump stop level and the current inventory level are shown.
- C) Summary of the dispenses carried out: daily, monthly, yearly and historical total volumes as well as the total number of dispenses made from the particular tank can be listed up.
- D) The system can account also for external consumptions in order to have a realistic control of the vehicles.
- E) The system points out also eventual inconsistencies in the consumptions by comparing the carried out dispenses with the covered mileage. The reference value and the tolerance can be adjusted for each vehicle.
- F) It is also possible to give a complete or partial authorization for dispenses from the PC, if no Smartcards shall be given to certain users.
- G) The last dispense that has been carried out is displayed.

- A) Diagnostics of the connection status between PC and diesel supply units.
- B) Each tank can be configured by name of the stored fluid, total capacity, warning level, pump stop level, current inventory level and total number of dispenses made.



- A) Archive with all details on dispenses: specific searches are possible by applying filters, such as the visualization on the display or the print of any summary, f. ex. lists of carried out jobs according to their chronology, according to the vehicle registration numbers or according to the driver names.
- B) By recalling any single dispense it is possible to check the current inventory level in that moment.

- A) Free or preset dispenses can be authorized from the PC.

