



**ATS ELGI**  
THINK LONG RUN

# Computerised Lube Management System



Connect to



New Technology for Lubrication

# Computerised Lube Management System

Our CLMS is electronically controlled intelligent modular unit provides precise metering and dispensing of oil for automotive and industrial application. It provides fast response and ensures precisely controlled preset dispensed volume. The modular design facilitates integration into new or existing workshops, which increases efficiency and productivity of the service station.

## 1 Intelligent independent flow control valve

This component is used to measure and control the fluid flow based on commands. This consists of high pressure solenoid valves for the precise shut off of the fluids. Equipped with oval gear for accurate measurement. This component is provided with inbuilt oil filter of 150 microns and having +/- 0.5% accuracy.

- Flow rate range 2 to 30 liters /minute.
- Operating pressure max 70bar.
- Operating temperature range -5°C to 40°C.
- Inlet /outlet - 1/2" BSP



## 2 Alphanumeric Keypad

- A large LCD display indicating the amount dispensed and messages.
- A alpha numeric membrane keypad for data entry.

This system can Store and print the Following cata listed below:

- Date and time
- Operator number
- Job number
- Amount dispensed
- Oil grade



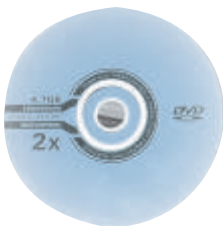
## 3 Hose Reels



Double arm automatic rewind hose reels for Oil. All metal construction with Forged brass shaft for corrosion free and leak proof operation even at high pressure. Hose recoiling is driven by a special steel spring, which provides a long life and trouble free operation. Positional arms for optimum operation in any mounting position Wall, Ceiling, floor or tank. Maximum hose length is 10m.

## 4 Power Unit

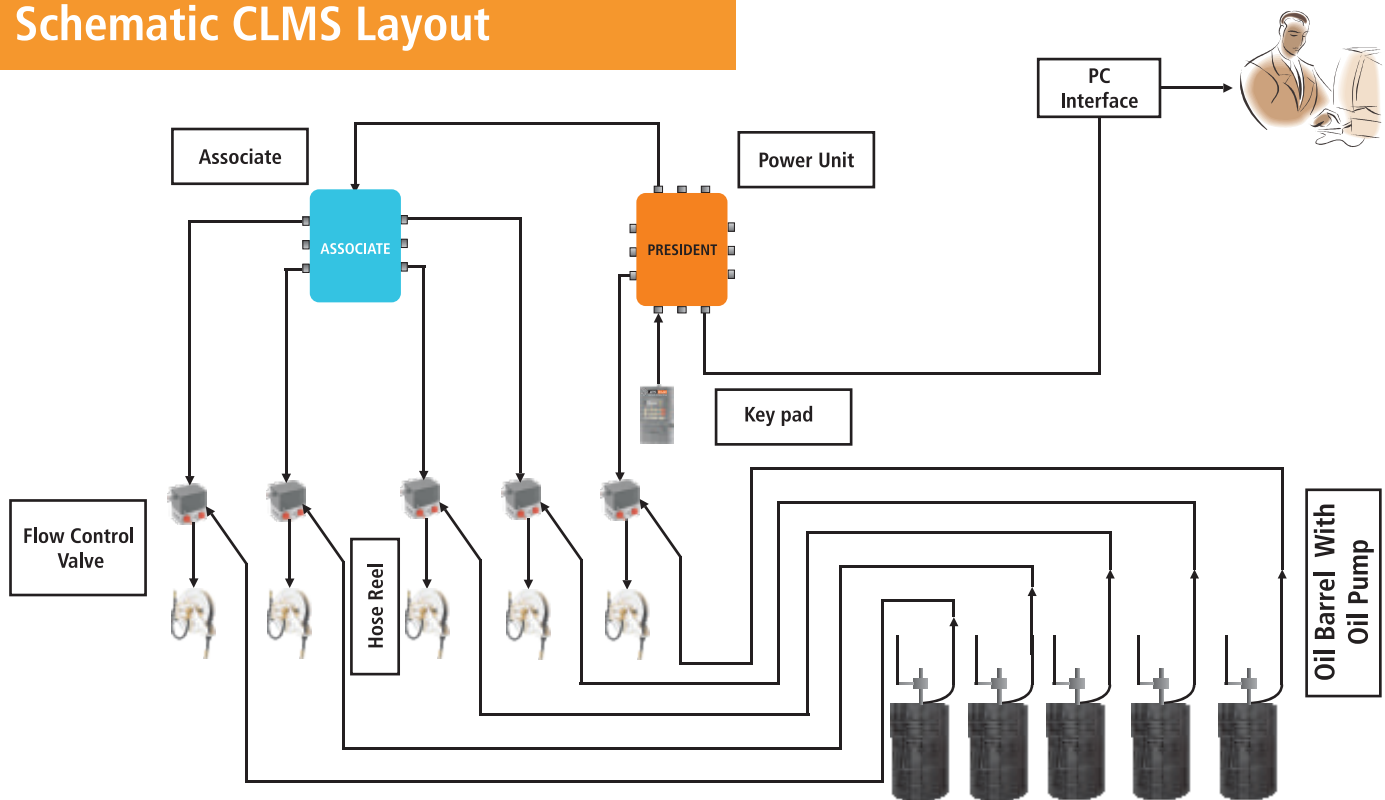
Power unit is the component that supplies low voltage power to the system. The power unit is protected with fuse for over current both power and low voltage sites. This unit is having IP 55degree of protection. This power unit controls four intelligent independent flow control valve directly.



## 5 PC Interface

The RS232/RS485 guarantees a higher insensitivity to interferences .we can transfer data through cable up to 500 meters.This converter is equipped with J connector male 25pins, for direct connection to the PC serial port.

# Schematic CLMS Layout



## Other products

### Mobile Lube Trolley

- Mobile Lube Trolley.
- Closed type, 8mts hose reel.
- Inter connecting oil hose assembly, 3 mts.
- Air operated oil Pump.
- FRL unit.
- 5 mts coiled air hose assy.
- 10 mts coiled air hose assy.
- Pre set Electronic oil fill meter.



### Waste Oil Removal Pump

- Air operated, max working pressure 7 bar.
- Pumping capacity, 60 lpm.
- Suitable for oil with 2 -3 mm particles.
- Floor or wall mounted options.
- Unique solution for waste oil removal.
- Suitable for clear floor, Pit work shops.

### Waste Oil Collection Tray ( ClearFloor Workshop )

- Waste oil collection drum & tray with wheels.
- Ball valve and Cam lock arrangement.
- Drum capacity 50 Litrs.



### Waste Oil Collection Tray ( Commercial vehicles )

- Waste oil collection tray with wheels.
- Ball valve and Cam lock arrangement.
- Waste oil collection capacity: 35 Litrs.
- Four wheels with lock system.

