

fms - fluid management system

The Macnaught Fluid Management System is purpose built for any dispensing application.

Ideal for workshops and factories, the FMS is designed to allow the monitoring and control of fluid dispensement around the entire workspace from one convenient location.

It is the superior way to maintain efficiency and precision in the workplace, while at the same time ensuring safety for workers in a clean and tidy environment.

A single or networked combination of up to 16 product controllers, each controller supports up to 26 fluids, and each controller can dispense up to 10 products simultaneously.

There are two models available: the FMS-10 and FMS-26, which support ten and twenty-six products, respectively.



Software Features

- user friendly and easy to follow installation process
- password access provides greater security in maintaining fluid inventories
- automatic saving of batches with a presettable idle-time function
- simple and accurate transfer of data to a PC from the controller via Ethernet using company network or VPN
- retains fluid transfer records in case of a power failure or a deliberate shut-off by operator
- generates reports that can conveniently be exported to Microsoft Excel®
- incorporates a comprehensively secured inventory management system so you can keep track

Product Features

- designed to operate as either a stand alone controller or as part of a PC network
- up to 26 products per controller
- full colour, alpha numeric touch screen entry
- PIN access for system users
- batch log storage of up to 1000 batches
- product identification and name entry
- up to 3 K factors on each product input meter
- selectable unit of measurement (Litres or U.S. Gallons)
- wiring and configuration diagram automatically generated by software
- can be used with any flowmeter compatible fluids
- visual alarm and email advice when tank levels are low
- product tank inventory management
- short cable runs to flow meters and valves
- off-the-shelf system hardware ensures the latest technology and components are available worldwide
- 12 month warranty
- easily configured to fit different facilities
- only standard power point required for each controller
- compatible with a wide selection of flowmeter and valve materials

Optional/Special Features:

- order number validation - allow only legitimate dispenses
- low level warning for each tank
- simultaneous, multi-user remote access to current dispense data

Typical Applications:

- automotive workshops
- truck/bus/bulk transport workshops
- industrial workshops
- mining
- marine

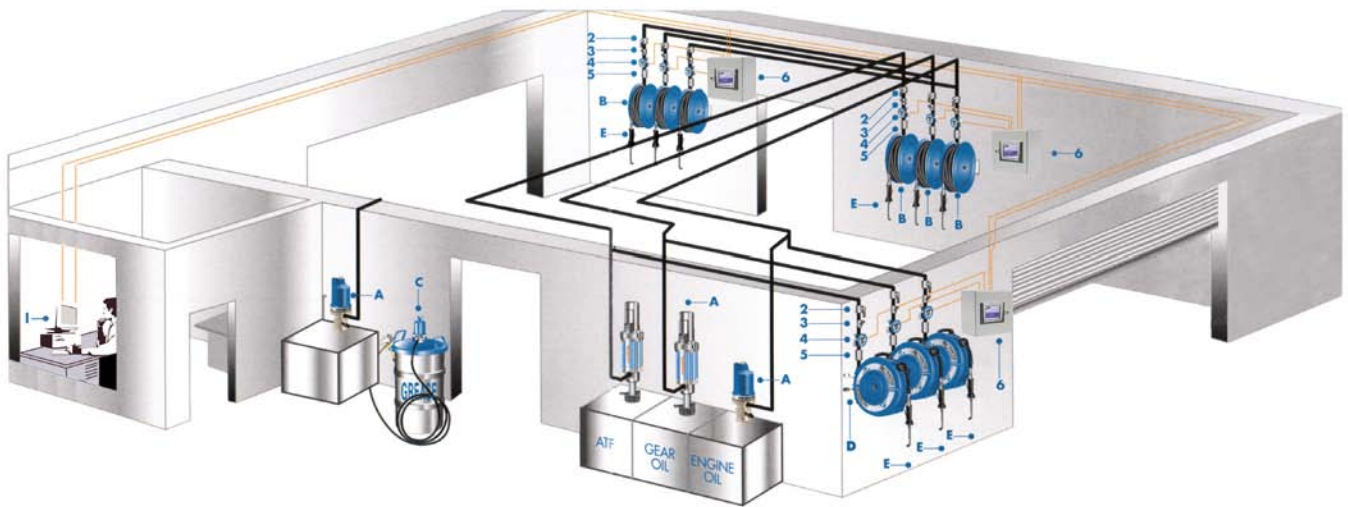
Typical fluids handled:

- motor oil
- automatic transmission fluid
- anti-freeze
- hydraulic oil
- diesel
- fuel additives
- specialty fluids

Example of Standard Automotive Workshop

Legend

1 Master PC	A T- and R-SERIES™ Oil Ratio Pumps
2 Shut-off Valve	B MO1220 Metal Hose Reel
3 Strainer	C P8 Grease Lubricator
4 Positive Displacement Oil Meter	D OMP100 RETRACTA® Oil Reel
5 Solenoid Valve	E HG20/HG100 Nozzle
6 FMS	



- 3 variations of fluids are shown. Note: The Fluid Management System has the capability of handling up to 26 products per controller.
- all control units are centralised back to network office PC for master control/inventory purposes.