

PULSEMASTER

Low volume pulse operated grease pumps
designed for mobile equipment lubrication systems



INFINITE POSSIBILITIES

How PULSEMASTER Works

PULSEMASTER is a pulse operated lubrication pump designed to operate from the rise and fall in pressure as supplied from either a 2/3 solenoid valve or by connection to a machine function/pilot system.

For injector systems an Easivent valve is used to reset the system once a predetermined pressure is reached whereas for progressive systems no additional parts are required as the pump outlet is simply connected to the system.



Innovative

Pulse operated pump

- ✓ Operating frequencies up to 10 pulses/min
- ✓ Hydraulic and pneumatic operation from the one pump

Elegant

Standard 400g or 450g grease cartridges

- ✓ No bulk filling pump required
- ✓ Clean grease each time, every time

Robust

Steel pump assembly

- ✓ Only 1 piston & 1 pump element
- ✓ No plastic parts or internal electronics

Part No.	Description
IP0901-A00E0000	900g PULSEMASTER with 0.22cc/cycle pump element complete with twin 450g cartridges, operating from a machine pneumatic signal for use on road trucks, garbage trucks, etc.
IP0901-A0BE0000	900g PULSEMASTER with 0.22cc/cycle pump element complete with twin 450g cartridges, operating from a 12-V pneumatic valve.
IP0901-A0JE0000	900g PULSEMASTER with 0.22cc/cycle pump element complete with twin 450g cartridges, operating from a pneumatic valve and pneumatic timer.

Above are for 900g pumps with common pneumatic options. Refer to product manuals for other configuration.



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Grease Pump Reliability Problem Solved

PULSEMASTER Configuration & Features

PULSEMASTER is available in a range of configurations to suit almost any application (Including retrofitting to existing systems) and in many systems can work without the need for electrical timers by linking the lube event to equipment operation thus providing a lubrication dosage proportional to machine duty.

THE MORE YOU WORK IT THE MORE YOU LUBE IT

Four pump cartridge types

- ✓ Fixed 0.10cc/cycle
- ✓ Fixed 0.15cc/cycle
- ✓ Fixed 0.22cc/cycle
- ✓ Adjustable 0.10cc/cycle to 0.22cc/cycle

Flexible pump operation configurations

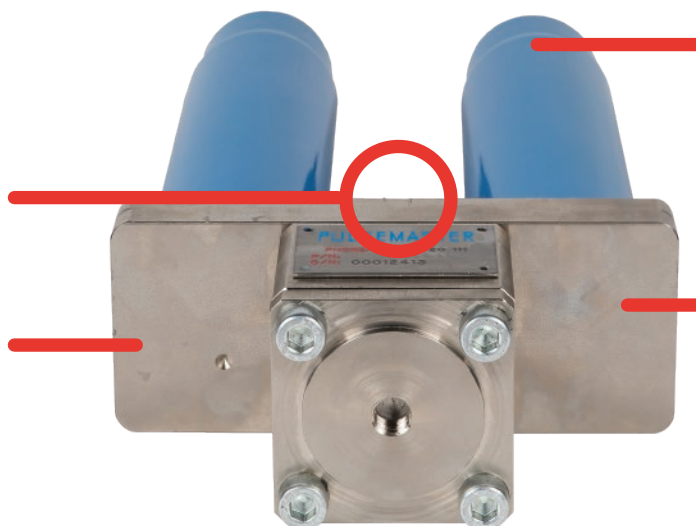
- ✓ Hydraulic pump
- ✓ Pneumatic pump
- ✓ Pump operates with timer
- ✓ Pump operates off hydraulic or pneumatic pressure rise & fall

Two cartridges sizes and two configurations

- ✓ 450 grams or 400 grams
- ✓ Single or twin cartridge

Configurable options

- ✓ Pneumatic or electric low level
- ✓ Optional automatic vent valve for injector systems
- ✓ Optional grease outlet filtration
- ✓ Optional valves and timer configurations



Call your local  distributor today for more details, testimonies, application specific pump/system designs and quotes.



INFINITE POSSIBILITIES

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Innovation is in our DNA.

One of the most respected engineers of his time with over 250 provisional patents and over 112 accepted as world wide patented inventions, Richard Joseph (Dick) Ifield's engineering heritage lives on through the direct family lineage to Ifield Products.

As an accomplished inventor, Dick's most famous invention, a fuel pump known as the Ifield Pump was to become standard equipment on jet aircraft from Whittle's first jet engine through to the Concorde. This invention alone earned Lucas Industries millions of pounds through their own sales and through the sale of manufacturing licenses.

Through Ifield products we continue Dick's legacy though constant unrelenting innovation as we work with our industry partners on developing engineering solutions.

Our vision is to provide a gateway for innovation to flow from inventor to manufacture and manufacture to global distribution. Our win-win attitude and belief in transparency ensures all relationships are built on trust.

Uncompromised integrity is the cornerstone of all policy and relationships. Only manufacturers and distributors that share this vision will join our network and value solutions will flow globally to end users.



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