

Heavy Duty Portable Handcart Filter-Pump

MP5 Series. Removes Water and Dirt from Oils and Fuels

FEATURES

- 5 gpm flow rate
- High performance filter cartridge choices:
 - **Aquacon**[®] cartridge - removes free water and dirt
 - 4500 square inch high-capacity dirt filter
- Rugged welded steel construction
- TEFC Motor

DESCRIPTION

The **Velcon MP5** is a compact, portable filter system designed for use at the site of contaminated oil. It is easily wheeled to the sump or reservoir by one person.

The MP5 is completely self-contained and requires only electricity for operation. Standard features are listed on the facing page. Note that the unit incorporates a reliable gear pump with an integral pump pressure relief valve to prevent system over-pressure.

A selection of high performance filter cartridges is offered for use with the MP5. Cartridge changes can be made in only a few minutes.

APPLICATIONS

MP5s can be used with injection molding machines, mobile hydraulic equipment, small transformers, circuit breakers and various other types of equipment. Applications are as follows:

New Oil - Even new drums of oil are sometimes contaminated with dirt and water. The MP5 can remove this contaminant as it pumps the oil out of the drum.

Machine Oil Reservoirs -

Good preventative maintenance practices include the routine filtering of used oil. This recycling procedure also extends the useful life of the oil.

Spilled and Leaked Oil - The MP5 can recover and recycle contaminated oil which would normally be discarded.

TYPES OF OIL:

- Hydraulic Oil
- Lube Oil
- Insulating Oil
- Cutting Oil
- Circuit Breaker Oil
- Quench Oil
- Turbine Oil
- Diesel Fuel
- Biodiesel Fuel



MP5 Series
(MP5-MK2 Model Shown)

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SPECIFICATIONS

Standard features for all MP5 Models

- 5 gpm flow rate
- Powder coated interior and exterior
- 100 psi design pressure
- Welded steel construction
- 10" wheels
- Self-priming positive displacement pump with built-in pressure relief valve
- Static pressure gauge – indicates need for cartridge change
- ½ hp, 115V, 1-phase, 60 Hz, 10 Amp TEFC motor
- 10 ft. 3-wire power cord
- 10 ft. inlet and discharge hose, ¾" I.D.
- ¾" NPT male fittings on hose ends
- Suction Y-strainer mounted at pump inlet
- Weight: 116 lbs.
Shipping weight: 139 lbs
- Height: 39"; Width: 17";
Length: 21"

FILTER CARTRIDGES

The MP5 portable filter accepts all Velcon standard 618/718 size cartridges. Contact your Parker representatives for a complete listing of available cartridges and their applications.

- **Dirt Removal:**
For particulate solids, use FO-718PL Series large surface area pleated media cartridges, available in micron ratings from 0.3 to 50. For colloidal contaminants, FO-618FGA Series Fiberglass depth cartridges, available in micron ratings from 5 to 25, are recommended.
- **Dirt and Free Water Removal:**
Use Aquacon® AC-718 super absorbent cartridges to remove up to two quarts of free water and also filter particulate solids. Available in micron ratings from 0.3 to 5.

- **Dissolved Water Removal:**
Use Superdri® cartridge model SD-718 to remove dissolved water from various industrial oils. Specify Flow Control Bypass option to reduce 5 gpm flow rate to 3 gpm recommended flow rate for SD-718 cartridge.

RECOMMENDED SPARES

- Filter Cartridge, box of 6
- G-1045 Std Buna-N Gasket
- Housing Lid Gasket, 1 ea (or)
G-1045A Viton-A

CUSTOM OPTIONS

Call for quote.

AVAILABLE STANDARD MODELS (SHIPPED WITHOUT CARTRIDGES)

MP5-MK1

- Y Strainer



MP5-MK2

- Y Strainer
- Flow Control Bypass
- Filter Bypass
- DP Gauge



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