



PRODUCT RANGE

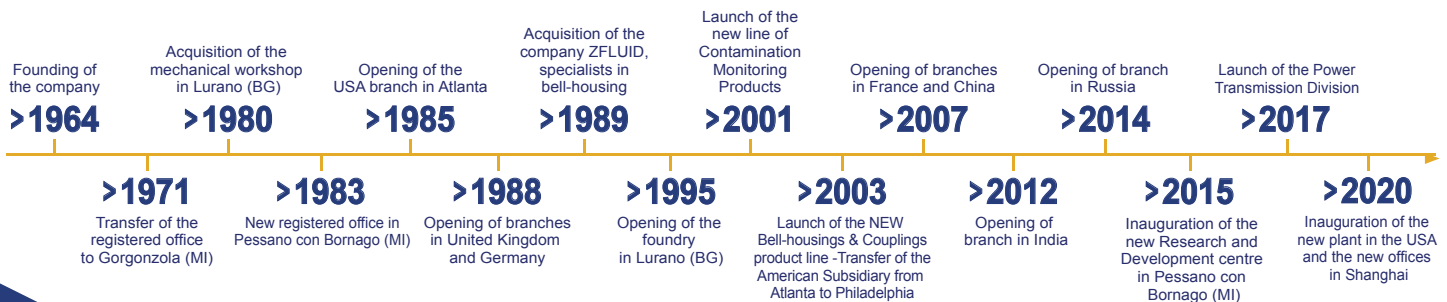
PASSION TO PERFORM

# PASSION CREATES OUR HISTORY

From over **55** years MP Filtri is an Italian multinational company specialising in the hydraulic sector, founded by Bruno Pasotto.

Most of the production is carried out in Italy. It currently has **10** trading and operational subsidiaries in Germany, France, United Kingdom, the United States, Canada, Russia, India, China, Singapore and UAE and a global network of retailers and distributors in over **100 countries**.

Over **500** highly qualified people are employed across the world. There are two production facilities in Italy and one in United Kingdom. **20 per cent of our products** satisfy the needs of customers in the Italian market, while the remaining **80 per cent goes to the international customers**.





# CONSTANT RESEARCH

# CONTINUOUS DEVELOPMENT

Renowned for Innovative and Flexibility, MP Filtri has, since launch, paid an obsessive attention to the **research and development of cutting-edge technological solutions**. Its research and development laboratory is considered one of the best in Europe.

The sectors that MP Filtri's products are aimed at range from industrial to mobile operating machines, such as earthmoving machinery, wind turbine generators and machinery for the plastic industry made by the most prestigious global manufacturers.

## OUR VALUES

Integration and Competency in creating value-added solutions for our Customers, and Passion for innovation constitute the fundamentals of the MP Filtri heritage. Values that are fully shared by the entire organization.

## VISION

The essence of MP Filtri is embodied in its claim "Passion to perform": an entrepreneurial business which continuously strives towards excellence, where the ability to innovate, while remaining loyal to its own identity, represents the strategic asset of the Company.

## MISSION

Establishing itself as the best partner in the world in the design and production of complete solutions offering a superior operating continuity of hydraulic systems.



# HYDRAULIC FILTRATION PRODUCT RANGE



## SUCTION FILTERS AND STRAINERS

STR - MPA - MPM - SF2 - SFEX

**FLOW RATES** max 1000 l/min 264 gpm

Suction filters and Strainers protect pumps from contamination, while also providing additional flow diffusion in the suction line.



## RETURN FILTERS

MPFX - MPLX - MPTX - MFBX - RFEX - MPH - MPI - FRI - RF2

**FLOW RATES** max 3500 l/min 925 gpm - **PRESSURE** max 20 bar 290 psi

Return filters perform the task of filtering fluid and preventing particles from entering the system externally or from internal wear and tear of components - as per ISO 4406.



## RETURN/SUCTION FILTERS

MRSX - LMP 124 MULTIPORT

**FLOW RATES** max 250 l/min 66 gpm - **PRESSURE** max 80 bar 1160 psi

Hydraulic combined filters for installation on the return and suction lines of hydrostatic transmissions (HSTs) for commercial vehicles, construction machinery, agricultural vehicles, and mobile work equipment with a hydrostatic drive.



## SPIN-ON FILTERS

MPS - MSH

**FLOW RATES** max 365 l/min 96 gpm - **PRESSURE** max 35 bar 508 psi

Spin-on filters are used as process and safety filters to protect individual pumps, valves or the entire hydraulic circuit from contamination - as per ISO 4406.

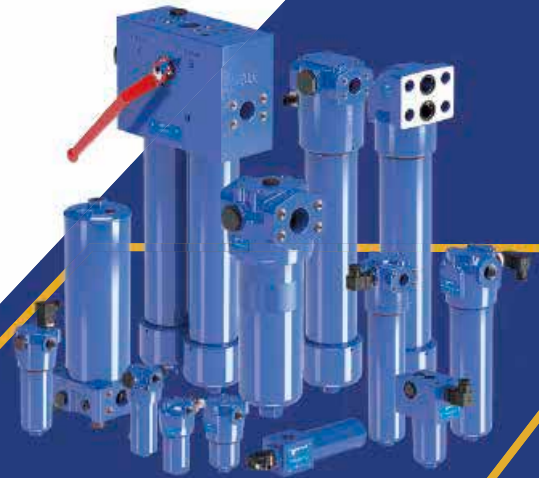


## LOW & MEDIUM PRESSURE FILTERS

LFEX - LMP 110/120/123 MULTIPORT - LMP - LMD - LDP - LDD

**FLOW RATES** max 4500 l/min 1189 gpm - **PRESSURE** max 80 bar 1160 PSI

Low and medium pressure filters are used as process filters to protect pumps, pressure reducers and the most sensitive hydraulic system components from contamination - as per ISO 4406.



## HIGH PRESSURE FILTERS

FMP - FHP - FMM - FHA - FHM - FHB - FHF - FHD - HPB

**FLOW RATES** max 630 l/min 166 gpm - **PRESSURE** max 560 bar 8122 PSI

High pressure filters are designed to withstand the maximum pressure of the system and are sized according to the specific flow rate required. They offer exceptional protection to sensitive components downstream of the filters - as per ISO 4406.



## STAINLESS STEEL FILTERS

FZP - FZH - FZX - FZM - FZB - FZD

**FLOW RATES** max 160 l/min 42 gpm - **PRESSURE** max 1000 bar 14504 PSI

Stainless steel construction ensures peak protection when operating in corrosive environments or aggressive fluids. High pressure stainless steel filters are used to protect individual valves or the entire hydraulic circuit from contamination - as per ISO 4406.



## CLOGGING INDICATORS

Maximum filter element Dirt Holding Capacity (DHC) and life are achieved with the use of clogging indicators. These devices signal when the clogging causes an increase in pressure drop across the filter element.

# CONTAMINATION CONTROL SOLUTIONS



## LPA3 - LPA2 (Aviation Edition) - CML2

Portable solutions to automatically measure and display particulate contamination, moisture and temperature levels in a variety of hydraulic fluids.

## ICM 2.0 - ICM 4.0 - AZ2 - ICU - ACMU

A complete range of products to count particles, designed specifically to be mounted directly to systems, where ongoing measurement or analysis are required.



## BS110 & BS500 - PIK Patch Imaging Kit

Kit for fluid sampling and the visual and digital analysis of solid contaminants. The bottle samplers are suitable for our portable devices.

## UFM - FTU

**FLOW RATES max 180 l/min 48 gpm**

Mobile transfer and filtration units are the perfect solution for the oil maintenance of lubrication and hydraulic fluids in off-line filtration applications.



# POWER TRANSMISSION PRODUCT RANGE

## BELL-HOUSING

LMG - LMC - LDC - LMS - LDS - MULTI COMPONENTS

Bell-Housings are used as connecting elements between IEC electric motors and a wide range of hydraulic pumps available on the international market.



## COUPLINGS

SGEG - SGEA - SGES - SGEK - EGE - AKG - SGDR - EGR

Drive couplings provide the means by which power is transmitted from the electric motor to the hydraulic pump.



## ACCESSORIES

PDMA - ANMA - MPDR - CLEANING COVERS

Our accessories line completes the range, adding value and features to the motor pump unit. It includes by Foot brackets - PDMA, Damping rings ANMA and Damping rods - MPDR, Cleaning covers.



# TANK ACCESSORIES

- STRAINERS
- AIR BREATHERS AND FILLER PLUGS
- FILLER AND DRAINER PLUGS
- VISUAL OIL LEVEL INDICATORS
- ELECTRICAL OIL LEVEL INDICATORS
- ACCESSORIES





**DISCOVER MORE AT**  
**[www.mpfiltri.com](http://www.mpfiltri.com)**

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