

**MANN  
FILTER**

**Ready for big business.**

**MANN-FILTER for Industrial Equipment.**

**MANN  
FILTER**

**Protect  
your  
equipment!**



**MANN-FILTER – Perfect parts. Perfect service.**



# MANN-FILTER – always the right choice.

Original  
equipment  
quality you  
can trust!

The service life and efficiency of your industrial equipment depend in large part on making the right choice of filters. High-quality filters are indispensable for the functional reliability of your machines. Don't compromise and opt for MANN-FILTER products in 100 % original equipment quality.

All MANN-FILTER products are manufactured according to the latest international production and test standards for the automotive and machine industry. They stand for best component quality, have shown to excel due to consistently high and reliable filtration performance and secure a long service life.

## Air filter

High-dust applications and long operating times are not mutually exclusive. The proof lies in our air filters, which ensure long and efficient machine running times through their high dust holding capacity.



## Oil filter

Oil filter elements from MANN-FILTER offer the highest filtration performance and protect the engine by perfectly cleaning the oil.



## Fuel filter

High-quality MANN-FILTER fuel filters remove damaging dirt particles and water from the fuel. This reduces the possibility of damage through wear and corrosion.



## Hydraulic filters

In environments with high operating pressures, our filters protect the hydraulic system of your machines against dirt particles, corrosion and abrasion. The high dirt holding capacity of the medium ensures a long filter service life and even removes the finest harmful particles.



## Air/oil separators

Whether in element or box form, MANN-FILTER air/oil separators ensure high separation rates and low quantities of residual oil. This minimizes oil loss. The low differential pressure delivers energy savings. This reduces operating costs and conserves resources.





**OE quality  
you can  
trust!**

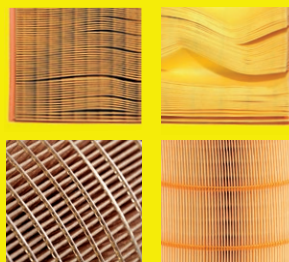
# OE quality filters

## MANN-FILTER quality comparison

### MANN-FILTER OE quality Air filters

#### + Stabilisation

- ⊕ Optimum pleat geometry and stability, even under heavy load
- ⊕ Consistently high filtration performance even in humid and wet conditions
- ⊕ Depending on application, elements are stabilised with glue beads, supporting inserts or spiral wound technology



### Inferior quality

#### Stabilisation -

- ⊖ Pleats inadequately embossed
- ⊖ Bunching of pleats through ingress of water following, for example, heavy rain leads to incorrect signals from the air flow mass meter and to a shorter service interval
- ⊖ Stabilising inserts or technologies missing or inadequate

### Oil filter

#### + Filter media

- ⊕ High dust holding capacity
- ⊕ Special embossing processes provide uniform pleat spacing and thus maximum filtration performance



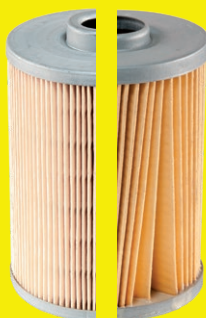
#### Filter media -

- ⊖ Reduced dust holding capacity. Unfiltered oil can thus flow through the bypass valve within a short period
- ⊖ Poor filtration performance through inferior quality materials

### Fuel filters

#### + Element

- ⊕ Firm support pipe for high stability under pressure leads to high mechanical load capacity
- ⊕ Very efficient MULTIGRADE F filter media with maximum dust holding capacity provides optimum protection against wear
- ⊕ Long service life through star-pleated filter element



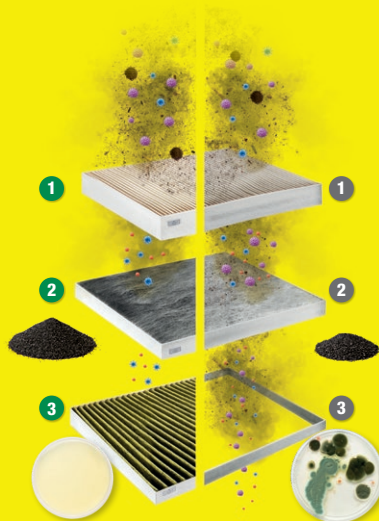
#### Element -

- ⊖ Filter bellow inadequately supported as no supporting pipe present
- ⊖ Poor filtration due to inferior quality filter media
- ⊖ Inadequate wear protection for the fuel injection system

### Cabin Air Filter

#### + Filter media

- Pollen filter CU**  
Up to 100% protection against particles, including pollen, diesel exhaust, tyre residues and even particulate matter
- Pollen filter with activated carbon CUK**  
The optimal amount of activated carbon protects against harmful gases, such as ozone, and unpleasant odours
- FreciousPlus**  
Biofunctional layer protects against allergens, bacteria and moulds



#### Filter media -

#### Inefficient filter media

- Poor performance and poor filter capacity as a result of inferior quality media, only large particles (> 5 µ) are retained
- Unpleasant odours and harmful gases are often removed inadequately or not at all as a result of insufficient activated carbon
- No additional protection against moulds and bacteria due to the lack of a biofunctional coating: increased risk of mould growth



# OE quality filters

## MANN-FILTER solutions for your industrial equipment

Whether mobile on construction sites or stationary in industrial plants, all the machinery must always deliver full power. Long running times, large volumes of dust and high mechanical loads place enormous demands on filtration systems. MANN-FILTER products offer the best protection for you. Here, the name MANN-FILTER stands for original equipment quality because MANN+HUMMEL is a development partner to all the renowned manufacturers.

### Quality that pays

**Reliable filtration chain:** air filters, oil filters, air/oil separator elements, fuel filters and hydraulic filters form a team that interact with one another in a machine. Both in the positive and negative sense. With the high-performance MANN-FILTER filter elements, you can rely on a filtration chain in OE quality. This is where our many decades of experience in the development, construction and application of efficient, high-quality filter solutions come in. For more than 75 years, leading manufacturers of industrial equipment have placed their trust in high-quality MANN+HUMMEL products – the best possible testimony to our outstanding expertise.

### Service that impresses

**Concerted action:** High availability and fast delivery come as standard – together with comprehensive After Sales support. Our customers also benefit from our state-of-the-art information tools, including the handy MANN-FILTER app for smartphones and tablets, the online catalog, as well as our easy-to-navigate catalogs provided on CD-ROM and in printed form.

### A range that you can rely on

**High-quality offerings:** whether air filters, oil filters, air/oil separator elements, fuel filters and hydraulic filters – MANN-FILTER offers a comprehensive, high-quality range for many popular compressor manufacturers.

### With MANN-FILTER you can handle it

**The best choice:** As a sought-after supplier for mobile and stationary industrial equipment, we always deliver outstanding quality – not just for original equipment manufacturing, but also when it comes to replacement requirements for maintenance and repair. When you choose quality products from MANN-FILTER you benefit in three ways – by complying with the service intervals prescribed by the machine manufacturers, reducing machine downtimes, and ensuring long term protection of your investment. Because long running times and optimum protection are not only good for your machine but also for your budget.

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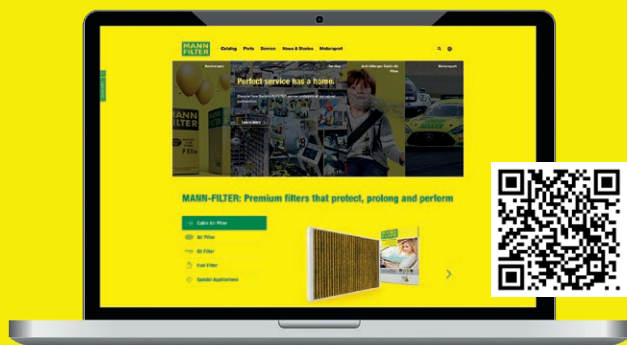
## MANN-FILTER – benefits that pay

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- ⊕ Consistently proven OE quality
- ⊕ High availability, fast delivery
- ⊕ Maximum safety, reliability and durability
- ⊕ Comprehensive service
- ⊕ More than 75 years of filter expertise for vehicles, combustion engines and compressed air systems

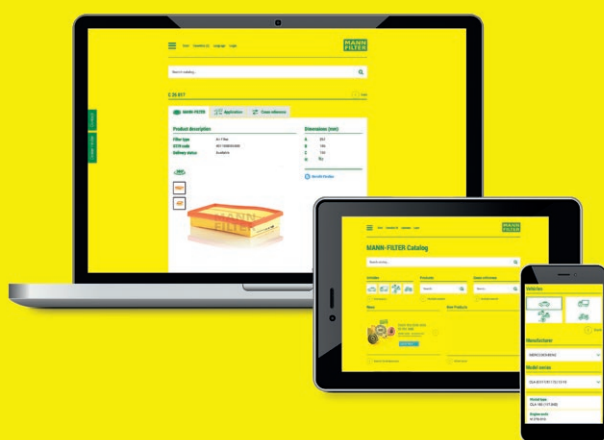
Everything  
at a glance!

# Multichannel access to our products.



## The MANN FILTER website

Enter the yellow and green world of MANN-FILTER for perfect service. Here you'll find the MANN-FILTER dealer locator with Google route planner. You'll also find useful product information and everything you need to know about MANN-FILTER Motorsport. Stay up-to-date with the MANN-FILTER newsletter and latest press releases.



## The MANN-FILTER online catalogue

Keep track of the different filter elements that are used all over the world. With the MANN-FILTER online catalogue, you will quickly and easily find the right product. A 360-degree view is available for almost all of our filters. And best of all: With our handy pocket-sized version of our online catalogue for your smartphone, you can find the latest information wherever and whenever you need it.

**NEW!**  
Interactive  
PDF catalogues  
for added  
convenience!

## The MANN-FILTER catalogue



A variety of new filter types for the latest passenger cars, trucks, and off-highway models complement the widest range of filters in original equipment quality. The catalogues offer an extensive range of vehicle and machine filter elements for the European spare parts market. The catalogues set is divided into four up-to-date yellow and green individual catalogues for different application areas and the "Comparison list" available in PDF format contains extensive conversion lists. For the first time, all catalogues are also available as interactive electronic PDF files for browsing with many quick access functions.

**MANN+**  
**HUMMEL**

**MANN+HUMMEL Australia**

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