

Filters and Filtration Systems for Industrial Applications

Purification Control Technology



Filtration Systems: In-House Manufacturing and Italian Expertise





Since **1961**, BEA Technologies has manufactured filter elements, metal filter housings and automatic filtration systems for liquids and gases.

We provide tailored filtration solutions for a wide range of industries, including the chemical, paints and coatings, energy and textile sectors.

By manufacturing its products in-house, BEA Technologies provides a single source for the design and manufacturing of customised filtration solutions.



Reliable, Efficient, Customised.

BEA Technologies Filtration Solutions for

INDUSTRY

Every product is the result of ongoing technological research, careful material selection, rigorous manufacturing processes and is subjected to specific testing.

BEA Technologies offers:



High-quality products offering excellent value for money.



A comprehensive product range covering different price and performance levels.



Certifications in accordance with relevant industry standards, FDA-compliant products, filter housings manufactured in accordance with applicable PED, ATEX and ASME requirements.



Material certificates provided according to specific customer requirements.



A wide range of automatic self-cleaning filters featuring backwash regeneration.



Private-label product design and supply.



Custom manufacturing based on customer specifications (filter vessels and/or filter elements).



Quality assured through meticulous manufacturing processes carried out in Italy and collaboration with carefully selected, certified partners.

Quality Makes the Difference When It Matters Most.

Choosing a manufacturer with extensive technical expertise and a well-structured organisation as a supplier makes all the difference in critical situations. It means having access to certified, quality-controlled products that comply with applicable industry regulations, as well as expert advice from an experienced partner.

These are essential factors for companies that adopt risk-based thinking when planning for future scenarios and that aim to remain prepared for market challenges.

Fast, Effective, Qualified. **BEA Technologies Technical Support for Industry**

A prompt and targeted response makes all the difference when it comes to technical support. For this reason, BEA Technologies provides a team of qualified specialists capable of supporting customers both during product selection and throughout after-sales service.

- **International** technical support.
- **Testing at BEA's in-house laboratory and on-site trials at customer facilities** to ensure correct system sizing and product optimization.
- **Short, reliable** delivery times.
- **Customer service** available to address all commercial enquiries.
- Optimised inventory levels to ensure **prompt deliveries**.



Our Expertise at Your Service.

Since 1961, Bea Technologies has developed **extensive knowledge** in the manufacturing and engineering of:

AUTOMATIC FILTERS

Designed for the continuous treatment of water and process liquids, these filters ensure high filtration efficiency without plant shutdowns.

The self-cleaning and filter element regeneration cycle is automatically activated when a predefined differential pressure is reached or at set time intervals.

Manufactured from carbon steel or stainless steel, the filters are supplied complete with a control panel and control valves.



METAL HOUSINGS FOR FILTER BAGS AND CARTRIDGES

BEA Technologies S.p.A. designs and manufactures metal housings for filter bags and cartridges. These advanced solutions combine innovative engineering and carefully selected materials and are specifically designed to facilitate opening and closing operations during filter element replacement. They provide secure, high-performance closure systems that meet the stringent safety requirements of industrial plants.

COMPRESSED AIR FILTERS

These filters ensure the removal of condensate, particulates and oil mist from air and industrial gases. The range includes solutions for pre-filtration, coalescing filtration and activated carbon filtration for oil vapour removal. These solutions are incorporated into aluminium or stainless steel housings, complete with accessories for differential pressure monitoring and condensate drainage. Solutions for sterile air filtration in medical applications are also available.



Finding the Right Solution. Dedicated Filtration Technologies for Specific Applications.

Regulatory requirements, specific challenges and process complexities: each application has distinctive characteristics that must be carefully assessed when selecting the most suitable filtration system.

For each **industrial** sector and application, BEA Technologies can assist with one or more dedicated products:

CHEMICAL INDUSTRY

PURIFICATION OF INTERMEDIATES AND REAGENTS
FILTRATION OF SOLVENTS, RESINS AND CHEMICALLY AGGRESSIVE FLUIDS
WATER AND STEAM FILTRATION
COMPRESSED AIR AND GAS FILTRATION
BREATHER FILTRATION FOR STORAGE TANKS

PAINTS, INKS AND ENAMELS

PAINT AND ENAMEL FILTRATION
WATER AND STEAM FILTRATION
PRECISION FILTRATION OF INKS FOR DIGITAL AND INKJET PRINTING

WATER TREATMENT & ENERGY

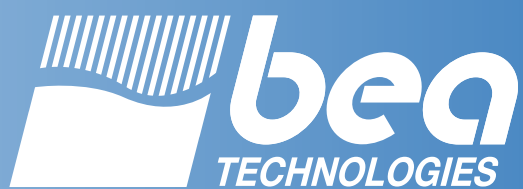
RAW WATER AND COOLING WATER FILTRATION USING
MANUAL OR AUTOMATIC FILTERS
REVERSE OSMOSIS (RO) SYSTEM PROTECTION

MACHINERY AND PLANT MANUFACTURERS

PAINTING LINES
PARTS WASHING MACHINES

TEXTILE, GLASS AND PAPER INDUSTRIES

COMPRESSED AIR TREATMENT
WASH WATER FILTRATION



Filtration Specialists



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