

Dingbro Ltd

INDUSTRIAL DIVISION

Dingbro Industrial

Filtration Division

24 Hour Sales & Technical Service
Tel: 01224 692842 Fax: 01224 681979

www.dingbrofilter.com

filter@dingbro.com



Elements

Housings

Offline Systems

Design

Process Filtration

Sampling & Monitoring



Single Source Filtration Specialists

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**A Specialist Division
Of
Dingbro Ltd**

Dingbro Ltd

INDUSTRIAL DIVISION

Dingbro Industrial Ltd Filtration Division

Single Source Filtration Service

When you purchase filters how do you decide which supplier to entrust with your business or indeed what products to purchase? Is this decision based on cost...quality or lack of options due to urgency?

Due to the vast amount of filter types and manufacturers currently available, do you have one supplier for each type within your requirements or for each brand? This could amount to a vast and fragmented supply base, leaving your personnel with the task of deciding where to purchase from and why.

Do you enjoy the same Level of Quality... Pricing Structures... Service & Support? Who advises you of any advances in filter technology on a regular basis or cost reduction opportunities?

Dingbro Industrial Can Resolve All Of These Scenarios With Brand Name Original Equipment Products... Cost Reduction Without Compromise

Dingbro Industrial already provides a single source solution to a diverse global customer base including...

Maersk Oil... Nexen... CNR... Apache North Sea... KCA Deutag... ExxonMobil... Esso... Tidewater Marine... Total E & P... Transocean... Scottish & Southern Energy... James Fisher (Shipping)...

Due to our comprehensive computerised cross-reference system Dingbro Industrial can cross-refer over 120,000 engine & filter manufacturers part numbers. Our worldwide client base is already reaping the unique benefits provided by Dingbro Industrial...

24-Hour Sales & Service ~ Dedicated Stock Holding ~ Branded Products ~ Carriage Free Delivery

Dingbro Industrial Has The UK's Most Diverse Range of Replacement Filtration Available From Stock... Supplied Carriage Free Within The UK



For An Onsite Survey...Quotation Or Technical Advice Please Contact...

Technical Sales: **Steve Hall**
E-mail: steveh@dingbro.com

Support Sales: **Tony Knox**
E-mail: tonyk@dingbro.com

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Products & Services

Dingbro Industrial's Product Portfolio Is Limitless... Should Additional Information Be Required For An Item Not Listed In This Brochure Please Contact Our 24 Hour Sales Department On 01224 692842

Air Filtration

The Air Filter element establishes a barrier for the separation of airborne contaminants, allowing only clean air to enter the engine. Air filter elements fall into four broad categories:

Automotive ~ Both round and panel designs, with moulded ends
Heavy-Duty Primary ~ Usually with metal ends
Heavy-Duty Secondary ~ Used to seal out dirt while the primary filter is being hanged
Radial Seal ~ With moulded ends and a reinforced closed end

Air is necessary for successful combustion in your engine. In fact, for efficient combustion, a modern diesel engine requires several thousand times as much air as it does fuel. Clean air almost 100% pure – is critical to engine survival and vital to its performance. Dingbro Industrial will provide you with a single source solution for all your air filtration requirements... Replacement Elements... Housings... OE Spares...

Dingbro Industrial Have One of The Largest & Most Diverse Ranges of Air Filtration Products Available From Stock In The UK



Compressed Air

Compressed Air Filters For All Applications

FRL's, Filters, Regulators, Lubricators, Combinations & Modular
Compressor Intake Filters
Coalescing Filters, Oil Removal, Water Removal
Carbon Absorber Filters, Odour Removal
Particulate Removal Filters
Combination Particulate & Coalescing Models
ASME Large Capacity Models Available With Flows Up To 25000 cfm
Stainless Steel Filters Available
High Pressure Models to 5000 psig Available
Low Pressure Drop Models.
Accessories Available, Delta P Gauges, Indicators, Internal Drains & External Drains
Intake Filters & Intake Filter Silencers



**Irrespective of The Manufacturer Dingbro Industrial Has The Solution
New Installation ~ Replacement Elements or Spares From Stock**

24 Hour Sales & Service

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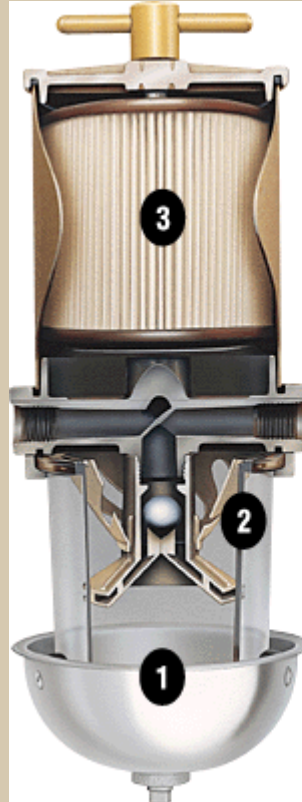
Fuel Filtration

Fuel contamination is and always has been a concern with all types Diesel Engines. It has become even more important in recent years as engineers have worked to make diesel engines more economical and environmentally friendly. As emissions and fuel consumption has decreased, injection pressures and tolerances between components have increased. Higher RPM's submit precision components to even more potential wear and abrasion.

High Efficiency Fuel Filters are specially designed for the higher injection pressures and precision components of today's engines. They use an exclusively designed filtration media to remove more than 98 percent of particles 2 microns and larger. More contaminants are removed, maximizing protection of injectors, pumps and other fuel system components.

Dingbro Industrial's fuel filtration services will help your fuel flow freely & protect your engine from the harmful effects of water and contaminants in fuel. Providing the correct level of filtration will increase your engines performance and reliability, with many items available from stock.

**Replacement Elements ~ Housings
Spares ~ Fuel Transfer Filtration Systems**



How it works

- 1** As fuel enters, it moves around and through a turbine centrifuge, spinning off large solids and water droplets. Being heavier than fuel, they fall to the bottom of the collection bowl.
- 2** Smaller water droplets bead-up along the sides of the chamber and on the element. When heavy enough, they too fall into the high capacity bowl.
- 3** Besides repelling water and tiny solids, asphaltenes, algae and rust are filtered from fuel by the Aquabloc element. Because Aquabloc elements are waterproof, they remain effective longer.

Hydraulic Filtration

Contamination is the number one cause of failure in hydraulic and lubrication systems. Failures can cause downtime, component and fluid replacement, as well as higher maintenance charges. Dingbro Industrial will provide positive protection against contamination, giving you predictable reliability for your hydraulic systems and it's components.

**Dingbro Industrial Will Provide You With A Cost
Effective Solution To Resolve Every Possible Scenario**

Replacement Elements
System Design
Upgrade & Redesign
Problem Solving
Offline Filtration Systems
Oil Sampling & Analysis
High Pressure Stainless Steel Housings
OEM Spares

Dingbro Industrial The Complete Hydraulic Filtration Service



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HVAC Filters

Our product scope is broad: from high-efficiency air filters, to dust collectors, to gas turbine filtration systems. We offer the most advanced technology and skilled application expertise for cleaning air in facilities and processes as diverse as hospitals, industrial plants, commercial buildings, schools, mailrooms and nuclear reactors, as well as gas turbine and diesel engines.

The most common use of air filter products is for commercial, institutional and industrial applications, installed in the Heating Ventilation and Air Conditioning (HVAC) systems. Coarse filters may be used both as primary air filters to protect HVAC components (coils, fans, duct work) from unnecessary dust build-up or to protect more expensive secondary air filters from premature dust loading and replacement. Pocket filters are used as standard equipment for air handling units in HVAC systems. These filters are classified within the range from F5 up to F9. Due to their robust pocket design they are particularly suited for difficult operating conditions.

High Performance Air Filtration: Air intake systems for gas turbines, high performance compressors and diesels comprising filtration, cooling and sound attenuation are completed with exhaust gas silencing and acoustic enclosures, providing a complete system for the user, OEM or packager. Dingbro Industrial have total system product capabilities, combined with state-of-the-art engineering.



Lube Oil Systems

Dingbro Industrial are one of the UK's leading suppliers of lube oil filtration systems and spares, offering brand name original equipment filters and housings. No longer do you have to suffer the consequences of aging equipment and design, we can provide you with all the benefits of modern day filtration systems, this may include...

Extended Element Life ~ Reduce Running Costs ~ Increased Protection

Duplex Lube Oil Housing with Paper cartridges and cleanable safety elements offer lube oil protection, the safety element is a last chance filter, if paper elements go into bypass the flow is directed to the safety element offering a complete 24 hour protection solution.

Elements & Housings Available From Stock



24 Hour Sales & Service

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Process Filtration

Dingbro Industrial provides process filtration solutions for gases and liquids wherever they come into contact with the process during manufacturing.

Where quality requirements are exceptionally high Dingbro Industrial has a selection of process filters and housings which will enable you to reach maximum purity standards. Dingbro Industrial's process filtration systems are used daily in some of the most arduous conditions...

Power Generation ~ Drilling Platforms ~ Petrochemical Industry ~ Electronics

Our proposals can include CAD drawings, project future running costs and dedicated stock holding of replacement elements. Dingbro Industrial's Technical department are available on a 24 hour basis to discuss your process issues and offer cost effective solutions regardless of the scenario.

Replacement Elements & Housings ~ Technical Advice ~ System Design



Batteries

For All Your Stationary Power Requirements

From Lead Acid... Gel to Absorbed Glass Mat (AGM) to Ni-Cd, Dingbro Industrial has one of the most diverse ranges of batteries in the UK. We have the ability to meet your stationary power requirements irrespective of the type of battery required.

Exide ~ Yuasa ~ Sonnenschein ~ Optima ~ Squadron

Batteries supplied by Dingbro Industrial are working daily in the most extreme conditions to meet the needs of our clients...

Fast Response Craft (FRC)... Deep Cycle... Starting Power... Alarm Systems...

Ni-Cd... The best solution for installations where the risk of failure of the system is unacceptable...

**UPS ~ Emergency Lighting Systems ~ Process Control
Telecommunications ~ Railroad Signalling**

Most Batteries Available From Stock



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Design Services

Dingbro Industrial Can Redesign Your Filtration System

We Can Improve Your Existing Level Of Filtration

Our Design Service Can Upgrade Your Obsolete System

Allowing You The Benefits of Modern Day Filter Technology

Complete Sampling & Monitoring Service

The Benefits Provided By Our Service Could Be In The Form Of

Extended Filter Lifespan

Reducing Costly Downtime

Improved Level Of Filtration

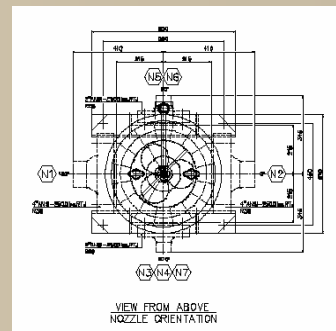
Providing Greater Protection To Valuable Equipment.

Design Your Filtration System

System Re-Engineering... Comprehensive CAD Drawing...

Problem Solving... Cost Reduction Programs... Testing & Analysis...

Framework Agreements... Pressure Vessels... Valves & Controls.



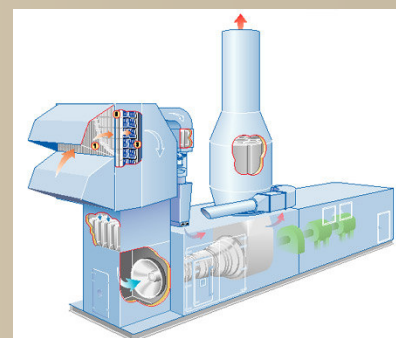
Design Without Compromise

Dingbro Industrial has no allegiance to any one manufacturer, allowing us the opportunity to provide the correct product without prejudice.

We have many years of filter design experience and managed numerous successful projects. Many of these are self-funding due to...

"The Reduced Costs of Replacement Filters... Extend Lifespan Reducing Costly Downtime".

**These Are Only Some of The Benefits Currently
Enjoyed By Our Worldwide Client Base**



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Offline & Portable Filtration

An "Offline Filtration" system, either portable or fixed will provide your critical equipment with complete contamination control 24 hours a day. Even when the equipment it's protecting is not operating. Unlike conventional filtration an offline unit can be installed and maintained without the need for a plant shut down.

Offline Filtration Will

Reduce Mechanical Breakdown

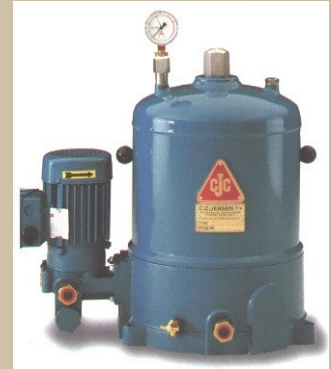
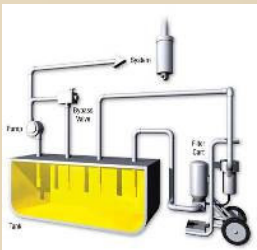
Extend Equipment Lifespan

Extend Maintenance Periods

Reduce Maintenance Costs

Remove Water & Particulate

**New Installation ~ Replacement Elements ~ Spares
~ Dingbro Industrial ~**



Strainers

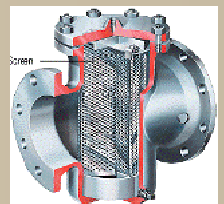
Strainers are placed in-line with process piping to remove large solid contaminants from the flow, they can be cleaned and reused. Strainers types and options are vast, with numerous... Material, Fitment & Mesh options.

Basket ~ Y-Type ~ Simplex ~ Duplex

Materials of construction are typically bronze, cast iron, nickel alloy, carbon or alloy steel, stainless steel, titanium, polyvinyl chloride (PVC), polyethylene (PE), or polypropylene (PP, PPL). Features common to strainers include integral filters, magnetic inserts, steam jacketing, self-cleaning, and sanitary construction. Connections can be welded, flanged, threaded, clamped or brazed or soldered.

Dingbro Industrial can provide spares for your existing unit or design a new installation to meet the needs of your business. Call our 24 hour sales & technical departments for more information.

New Installation & Spares



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Sampling & Monitoring

Dingbro Industrial's Fluid Sampling & Monitoring service will monitor and highlight changes in particle counts, water content, acidity, and viscosity. Preventing premature equipment or component failure & provide you with the correct solution to improve your fluid cleanliness.

Our Services Will Monitor...

Particulate Size & Quantity

Contaminant Ingression

Cross Contamination Due To Adding Improper Fluids or Leakage

Water Ingression From Condensation

Fluid Degradation Caused By Oxidation, Aging, or Excessive Temperatures

**The Complete Fluid Sampling & Monitoring Service From
Dingbro Industrial**



Dingbro Industrial... Service As Standard

24 Hour Sales & Technical Departments

Reduce Direct Material Cost

Carriage Free Deliveries

Single Source Of Supply

The UK's Most Diverse Range Of Original Equipment Filtration

Dedicated Stock Holding

Fixed Term & Price Frame Agreements



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