

THE WORLD OF FILTRATION

 **DOLLINGER®**



PROVIDING SOLUTIONS WITH FILTRATION TECHNOLOGY AND ENGINEERING EXPERTISE GLOBALLY



Enjoying a century long history Dollinger is an established and well-known brand within its industry. Through our superior engineering capabilities, we have been able to develop and manufacture cutting-edge filtration and separation technology that dramatically improves fluid quality. We can thereby ensure that pipework, turbines, compressors and blowers are not damaged, or their moving parts fouled, by the presence of harsh contaminants. This has made us a vital partner to companies involved in industry sectors like oil/gas, petrochemical, chemical, power generation.

Our diverse range of solutions include in-line filtration, process filtration and air intake filtration, which span a broad range of different flow-rate and pressure parameters. Another important area for us is exhaust filters that enable the recovery of oil mist emissions.

By specifying Dollinger, our customers can extend the operational life of their systems, avoid costly downtime occurrences and improve return on investment. In addition, the greater power efficiency levels offered by our solutions can markedly reduce day-to-day running costs and raise customers' environmental credentials.

Celeros Flow Technology (Celeros FT) acts as a full-lifecycle optimization partner for customers who design, install and maintain the world's critical flow systems. We unite the original equipment manufacture of high-quality pumps, valves, filtration and pipeline access equipment with comprehensive aftersales support. By combining these disciplines, we can act as a single supplier dedicated to maximizing the whole life value of our customers' flow control assets. This results in greater operational longevity, improved uptime, a lower cost of ownership and optimum productivity.

Our engineered solutions are of particular benefit in mission critical applications within industries such as: Oil & Gas, Power (conventional, nuclear and renewables), Chemical Processing, Water Treatment and Marine. With manufacturing sites and service centers on every continent, we can respond rapidly to customer needs.

Our brand portfolio comprises Clyde Union Pumps, M&J Valve, GD Engineering, Plenty, Copes-Vulcan, Dollinger, Airpel and Vokes – each one a well-respected leader in its field. Our technologies can be deployed as standalone pieces of equipment, or

designed and delivered as fully skidded packages. All our flow control solutions are based on cutting-edge technical expertise, backed by in-depth engineering support and exceptional aftermarket service.

Celeros FT has the in-house expertise to support customers at every stage of the product cycle: from initial advice on process improvements, boosting efficiency and assuring safety, through equipment design, manufacture and installation to maintenance, refurbishment, upgrading and decommissioning. We take the time and effort to ensure that every piece of equipment delivers optimum performance in the field – whether it is our own equipment or that of a third party.

Continued investment in our people and our facilities can add valuable additional resource to customer project teams. For example, we use modern design and diagnostic techniques such as 3D scanning and FEA analysis. Our standards of operation meet the most stringent requirements of the nuclear and defense sectors. We are also committed to ensuring the safety of our employees, subcontractors, customers and the communities in which we operate.

SERVING MARKETS WORLDWIDE

For decades, Dollinger filtration and separation has been designing and manufacturing equipment for a broad range of industries and applications around the globe.

By implementing Dollinger’s premium industrial filtration products and systems, many industries have been able to implement complete solutions engineered to specific needs. These support systems keep their operations running reliably – with uptime assurance for their total peace of mind.

Our products offer high efficiency contaminant removal, extended service life and low pressure drop, thus providing our customers with the lowest possible operating and maintenance costs.

However extreme the conditions, Dollinger equipment maintains mission-critical operations all around the world with innovative technology engineered to handle the most aggressive contaminants.

MARKETS SERVED

Oil & Gas

- Offshore & Production
- Processing & Refining
- Storage

Transportation & Distribution

Power Generation

Air Separation

Petrochemical

Chemical

Nitric Acid / Fertilizer Production

Waste Gas and Biofuels

Glass Container Manufacturing

FILTERING EVERYTHING THAT FLOWS THROUGH INDUSTRY

OIL & GAS

Celeros FT offers specially designed Dollinger filtration and separation solutions to improve fluid contamination control. Solid, liquid, and particulate contaminants present in gas and liquid well-injection fluids, process fluids, and system fluids can lead to maintenance and operation issues at wells, on treatment stations, and with machinery or equipment. Dollinger systems remove these contaminants to ensure the best product and operation for your facility.

POWER GENERATION

Dollinger filter systems are the preferred choice in Power Generation facilities to help eliminate fugitive emissions and protect rotating equipment from fouling and erosion. Damage to equipment is caused by levels of contaminant in the fuel supply, lube oil system and airborne contaminants such as sand and salt laden moisture in harsh desert and coastal applications. The fully automated Dollinger Duplex Filter system ensures a continuous flow of fuel to diesel powered turbines and eliminates plugging of injection nozzles.

AIR SEPARATION PROCESSES

Dollinger air intake filters ensure maximum protection of rotating equipment used in the air separation process for specialty gases. The Dollinger process dust filter provides high-efficiency protection of the downstream equipment from the fine particulate associated with adsorbent media.

GLASS CONTAINER MANUFACTURING

The leading glass container manufacturers incorporate Dollinger filters at various stages of the manufacturing process for the removal of particulate and moisture to protect contaminant-sensitive equipment and to eliminate optical impurities to maximize product quality and yield.



SCOPE OF PRODUCTS

With a wide range of Dollinger filtration products and services, Celeros FT can make your operation more successful by helping to improve fluid and air quality, therefore increasing profitability by optimizing the performance of processing equipment.



PROCESS PIPELINE FILTERS

Dollinger process filtration equipment is specifically designed for the Oil & Gas, petrochemical and Power Generation Industries around the globe.

This product range includes both gas and liquid fabricated pressure vessel filters. Custom designs can be incorporated and there are options available to package filter vessels onto a skid arrangement with any required instrumentation or control equipment with ensured compliance to all relevant codes. Engineering expertise is at every level from design of the system to commissioning which ensures the best filtration product for your critical applications.



AIR INTAKE FILTER SYSTEMS

Our technical development facilities are located throughout Europe, North America, South America and Asia, and are used to simulate a diverse range of environmental conditions, in order to provide you with a detailed technical assessment of your current and desired filter system. Whether producing a small retrofit weather hood, through to a large air intake system with full enclosure, our engineers have decades of experience and are dedicated to designing and delivering a system which will ensure maximum output from your machine.



FUEL AND LUBRICATING OIL FILTERS

The Dollinger Oil Mist Eliminators (OME) is a filtration system of superior efficiency – it collects 99.97% of oil droplets 0.3 micron and larger, thus removing virtually 100% of visible oil mist emissions. This performance places the Dollinger OME at the very forefront of oil mist elimination technology. The extracted oil mist droplets can be returned back to the lube oil system of the Gas or Steam Turbine, Gas or Diesel Engine and Compressors removing health, safety and environmental concerns as well as making significant cost savings.

Keeping fluids clean and free from contaminant and moisture is an essential requirement for maintaining efficiency. Celeros FT can supply both replacement filter systems or design engineered packages with options from our Vokes and Dollinger brands, providing Liquid Coalescers, Fuel Filtration, Lubricating Oil Filtration and Stream-Line Systems for insulating fluid treatment.



ENGINEERING THE FUTURE

Our ability to combine research and development with field-proven technologies has established the Dollinger brand as a global leader in filtration. Our engineers continue to leverage the latest advancements in media, materials and bonding techniques to design custom filtration systems for virtually any air, gas and liquid application.

With our advanced R&D capabilities, global network of application engineers and state of the art manufacturing centres allow us to design and deliver world-class solutions, everyday.

INDUSTRY PROCESSES

Compressors, turbines, and blowers require various levels of pre-filtration to protect them from the intake conditions. Dollinger Air Intake filtration solutions provide various levels of protection from basic particulates to advanced media that remove caustic chemicals that could foul, corrode or damage critical capital investments.

Processes that separate gases, produce energy, or run equipment also require further levels of filtration. Even prefiltered air adds contaminants during the compression process. Liquid water, particulates, and oil vapor are removed with Dollinger medium to high volume vessels containing various types of media to protect even the most critical applications.

MEDIA TESTING

As a brand of celeros FT, Dollinger has access to world class testing facilities. Existing and new technologies are proven in our labs.

ISO QUALITY ASSURANCE

The Dollinger brand is committed to providing a quality product and service and upholds the accreditation for an ISO-9001 registered quality system as well as an accreditation for an ISO-14001 registered Environmental Management System.

In conjunction to the ISO Quality standards, we are committed to adhering to the world's design standards, including process filter pressure vessel designs through ASME, U stamp, PED and CE marking.



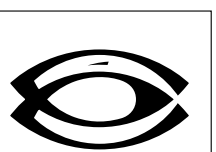
The Dollinger brand provides high quality products and technical leadership globally while minimizing the impact of the “environment” from our manufacturing processes and finished products.

ON SITE FILTRATION TESTS FOR GAS PROCESSING

Celeros Flow Technology (Celeros FT) can undertake a comprehensive series of tests using its proprietary on-site Gas Filtration Test Rig to give customers a better understanding of their gas process and filtration requirements. Using data gathered during the test, it is possible to accurately gauge the actual liquid & particulate levels in the process flow and select the best filters for the application – boosting throughput and optimizing production.

TEST STANDARDS

ISO12500-1	ISO12500-3	ISO:16890-2016
ISO8573-1	ISO16889	EN:1822-1 – 2009
ISO12500-2	32-SAMSS-008	
EN13443	EN:779-2012	



ENVIRONMENT
ISO 14001:2015
NSAI Certified

HIGH-CAPACITY FILTERS FOR EFFICIENT SEPARATION OF SOLIDS & LIQUIDS

High-capacity (HC) Filter cartridges from Celeros Flow Technology remove high volumes of solid contaminant to 99.999% efficiency levels while ensuring minimal impact on process parameters. Available in a range of cartridge lengths & particulate grades, our HC Filters are available to order as spares, or as part of a total filtration solution. Each HC Filter cartridge features a unique layered & pleated media pack construction, designed for maximum particle retention & absolute rated performance across a wide range of particulate sizes.

ALTERNATIVE ELEMENTS

Dollinger's Element Exchange program combines our trusted experience and technical know-how to be able to provide a suitable solution to our clients for the continuous challenge of OPEX budget controls and optimum performance for their existing filtration equipment.

With no modifications required to installed equipment, Dollinger can provide a 'like for like' replacement to many OEM's filter elements.

Available for Liquid/Liquid and Liquid/Gas Coalescers and particulate filters, our experience and product selection will guide you to your desired results

FACTORY RECOVERY SERVICE

Our Factory Recovery Centres, have reconditioned hundreds of types of sewn-end filter elements with a wide range of specially formulated filter media. This means that virtually any sewn-end filter element can be recovered at a fraction of the cost of buying new.

Celeros FT pioneered Dollinger's filter element recovery as a way of helping our customers save money. Our Factory Recovery Service restores your sewn-end element to like new condition at just a fraction of the original new cost. This not only saves you money but it also helps protect the Dollinger filter housing warranty.

We also offer our Factory Recovery Service for other brands of sewn-end elements. So even if you now have a Dollinger "look alike" element, you can upgrade your element by taking advantage of Celeros's expert factory service.

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