

INDUSTRIAL AIR FILTRATION

DUST

FUME

MIST

Delivering Cleaner Air

Breathe Easier With Donaldson® Torit®

No other filtration solutions manufacturer knows how to deliver cleaner air like Donaldson® Torit®. For over 90 years, we've offered the most advanced, most reliable, most efficient and most cost-effective collectors and filters that help you provide a cleaner environment for your employees.

And when your employees are at their peak, so is your productivity—and ultimately, your bottom line. Help safeguard your bottom line with the most innovative collectors and filters, expertly engineered by our unparalleled team of R&D engineers to provide long-term value rather than short-term savings.

Advanced Technology

- As the inventor of the cartridge collector, we have led the way for continuous innovation such as our award-winning Downflo® Oval dust collection technology
- Proprietary Ultra-Web® nanofiber filter media technology increases filtration efficiency and simplifies maintenance
- Dura-Life™ is a breakthrough in filter bag technology providing twice the life over standard polyester bags
- Unparalleled research and development expertise and sophisticated FLUENT® computer modeling technology produce the most efficient and effective filters available

Reliability

- Proven expertise you can count on for all your dust, fume and mist collection needs
- The leading worldwide provider of advanced filtration technology for over 90 years
- 10-year warranties you can bank on to keep your systems operating at their peak performance

Superior Performance

- Integrated collectors and filter media work together to offer the highest levels of efficiency and maximize productivity
- Unmatched quality of collectors and filter media exceed your expectations
- Downflo® Oval dust collectors provide up to 25% more airflow in a compact footprint
- Comprehensive range of cost-effective and efficient filters available to meet any performance requirement

Customer Support

- Unmatched service and support at all stages—from up-front engineering to knowledgeable field resources to after sales service
- Cartridge, Bags and Panel filters can be ordered online at www.donaldsontorit.com
- Expertise to help you choose the right solution for your application
- Worldwide locations to provide you with advanced solutions and service—no matter where your business takes you

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Rely on
**Donaldson
Torit**

Collectors and Filters:

- *Built better*
- *Last longer*
- *More efficient*
- *Most reliable*
- *Expert service*
- *Greatest value*

**Processing/
Powder & Bulk**

Aerospace
Bulk Material Handling
Cement
Chemical
Powder Coating
Cosmetics
Fertilizer
Fiberglass
Food
Glass
Grain and Feed
Packaging
Paints and Pigments
Pharmaceutical
Plastics and Resins
Polymer and Composites
Printing and Paper
Recycling
Rubber

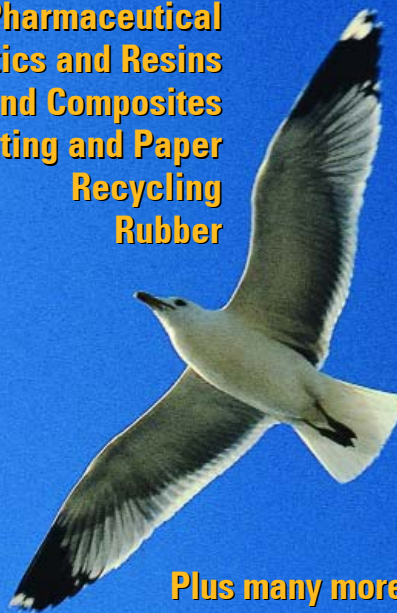
Metalworking

Automotive
Cutting
Ferrous Foundries
Mechanical Finishing
Casting
Grinding
Non-Ferrous Foundries
Thermal Spraying
Welding
Wet and Dry Machining

Woodworking

Plywood Production
MDF Production
OSB Production
Furniture
Millwork
Cabinetry

OEMs



Plus many more markets served



Donaldson®
Filtration Solutions



Donaldson Torit Leaves The Competition In The Dust

No other manufacturer comes close to matching the innovation and breadth of technical expertise that Donaldson Torit incorporates into its dust filtration solutions. From cartridge filters to baghouse collectors, Donaldson Torit provides the most complete range of dust collectors that cost-effectively enhance productivity and efficiency.

Not only can dust taint product, it can impair employees health and impede production. That's why reliable, high performance dust collection is a must. And since dust particles come in all shapes and sizes—from the easily measurable to the microscopic—Donaldson Torit engineers its collectors to capture the broad spectrum of dust particles that can inhibit the production environment.



Downdraft Benches

Downdraft Benches capture a wide range of materials in grinding and finishing operations. Available in three models.



Downflo® WorkStation

DWS removes very fine airborne dust at an extremely high filtration efficiency in a self-contained, soundproof, low maintenance work environment.

The Difference is Donaldson Torit

Donaldson Torit dust collectors are a reflection of our commitment to research and development. From the very latest advancements to time-tested filtration technologies, Donaldson Torit is the name you can rely on for the very best dust collectors in the world. Experience the difference that a Donaldson Torit dust collector can bring to your production line—and your bottom line.

Downflo® Oval

DFO is a one-of-a-kind series of cartridge dust collectors with oval-shaped filter technology, proprietary filter media and patented pulse cleaning that provides up to 25% more airflow capacity than same-sized round cartridge collectors.



Downflo® II

A leading cartridge technology for over 20 years, DFT delivers powerful performance and cost savings.



Downflo® Containment System

The two-stage filtration system sets new standards by containing dusts of low, intermediate and potent toxicity. Fully surrogate tested DCS reduces exposure to potent compounds utilizing triple-sealed bag-in/bag-out arrangements and a variety of reliable dust discharge systems.



Dust Collection

The *Best* Dust Collectors *For Any* *Application*

Dalamatic® Cased (DLMC)

DLMC baghouse collectors offer high collection efficiency for continuous process applications involving heavy-duty product recovery, or collection of large concentrations of nuisance dust.

Dalamatic Insertable (DLMV)

DLMV collectors insert easily into silos and storage vessels, providing continuous filtration of conveying or displaced air at high efficiency levels with constant system resistance.



Unimaster®

Unimaster offers economical and effective collection of a diverse range of nuisance dust with a compact shaker-type design and intermittent duty technology. A variety of configurations and filter bag materials available.



RF Baghouses

RF is a rugged workhorse that offers easy installation as well as reliable, energy-efficient filtration for high-volume dust collection applications at a filtration capacity of 99.9%-plus by weight with minimal pressure drop.



Modular Baghouses

Designed for fast, easy installation and simple, reliable dust collection, Modular baghouses provide high performance filtration in applications with high air volumes and heavy dust loading.



Expertly Engineered

Fume Collectors Built For *Performance*

Breathe Easier with Donaldson Torit Fume Collectors

Today more manufacturers breathe easier knowing that reliable, high performance Donaldson Torit fume filtration systems are at work in their welding operations.

Donaldson Torit understands that capturing weld fumes is serious business that requires expertly engineered solutions. Since most weld fume particulates are respirable and often comprised of submicron-sized particles, it's essential to select a fume collector that can effectively and efficiently clear the air of potentially harmful contaminants.

From collectors to filters, there's no better source for fume filtration than Donaldson Torit.

Ex-Arm

Specifically designed to capture dust, fume, and mist conveying it from the worker's breathing zone. The Ex-Arm is easy to position and requires minimal maintenance.



Fume Collection

The Full Spectrum in Fume Control

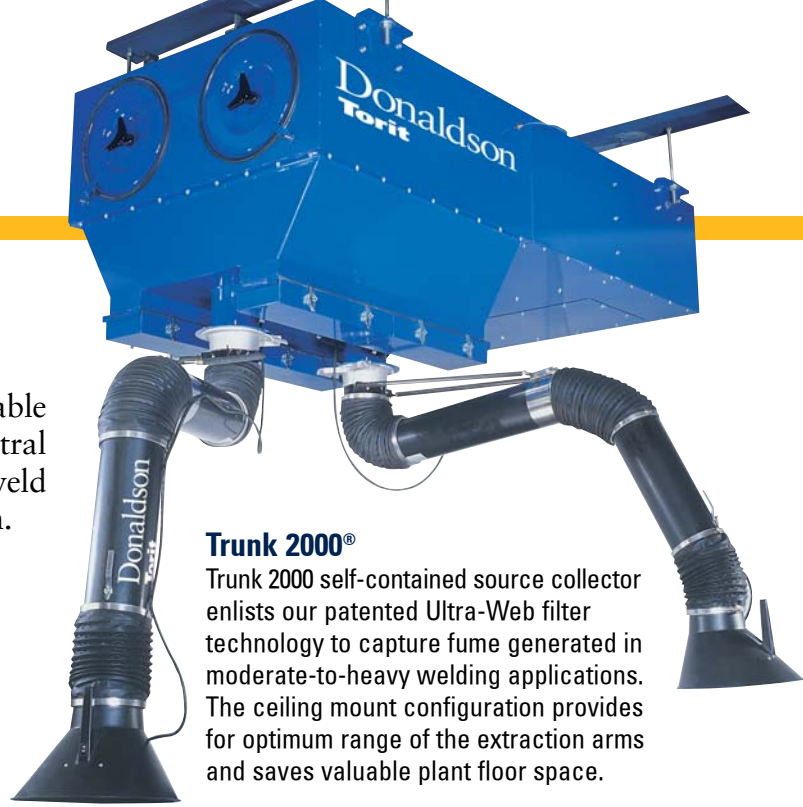
Donaldson Torit provides the most extensive, reliable fume collectors in the world. From portable and central collectors to source and ambient collectors to weld benches, there's no better source for fume collection.

Central Systems

DFO and DFT cartridge collectors are especially well suited to oily weld fume applications. Used in conjunction with our Ultra-Web FR (flame retardant) filters, DFO and DFT collectors with pulse cleaning technology prolong filter life by up to 2.2 times longer than collectors with static loading cleaning while conserving energy costs.

Easy-Trunk® and Porta-Trunk®

Offering compact, portable filtration of smoke, dust and fumes that result from welding and grinding applications, Easy-Trunk provides built-in pulse filter cleaning and Porta-Trunk is a manual filter cleaning system.



Trunk 2000®

Trunk 2000 self-contained source collector enlists our patented Ultra-Web filter technology to capture fume generated in moderate-to-heavy welding applications. The ceiling mount configuration provides for optimum range of the extraction arms and saves valuable plant floor space.

Weld Bench

Designed specifically for welding operations, Weld Bench provides high capture velocity that assures fume capture and eliminates the need for extraction arms.



Mist Collection

Advanced Technology Mist Collectors You Can Trust

Continually driving the industry forward with next-generation filtration solutions, Donaldson Torit is your source for the most reliable, flexible and expertly engineered mist collectors available. Our new WSO line of mist collectors offer advanced filtration efficiency and performance in a comprehensive range of models designed to fit most water, smoke, or oil application needs.

Modular MediaFilter™

Modular MediaFilter provides flexible, high performance mist collection for applications such as grinding, wet grinding, wet machining, rubber machining, die casting and soldering. Available in vertical and horizontal models, Modular MediaFilter collectors are expandable to adapt to changing needs such as smoke, dust and fume filtration, saving the cost of a new filtration system.



WSO

WSO mist collector is the only collector that filters three types of mist (water, smoke, oil) in one collector - simply by changing the filter. Designed to collect water-soluble coolant, straight oil, and the most challenging, oily smoke, from a variety of machining operations and other industrial processes. The WSO design has several configurations such as machine mountable, single-mount stand mount, ducted cellular and central system to meet your plant requirements.



Mini-Mist

Designed to collect coolant mists from CNC machining, grinding, turning, milling and drilling operations, compact Mini-Mist collectors are effective alone or can be integrated into larger machining operations.



Choose From A *Complete Range* Of Mist Collection Systems

The Clear Path to Effective Mist Control

High performance mist collection is a must for manufacturers that generate coolant and machining oil mist in their applications. Uncollected mist leaves condensation and residue on floors, machines, walls and ceilings, creating a potentially unsafe and unclean manufacturing environment.

Donaldson Torit provides a comprehensive range of mist collectors, each providing the peace of mind manufacturers need to be productive and efficient.

Rely on Donaldson Torit for the most advanced mist collection technology.



Centrifugal

Offering compact, high efficiency and economical mist collection, Centrifugal collectors can also be used to reclaim mist in applications that process petro-chemicals or synthetic coolants, in most cases.





Expertise Beyond the Collector Itself

At Donaldson Torit, we understand that high performance dust, fume and mist collectors are just the first step in keeping your plant cleaner and more productive. Our high performance ancillary products quickly and cost-effectively complete the system, whether you are installing a new filtration system or expanding an existing filtration line.

From rotary valves to fans to ductwork, Donaldson Torit provides the complete solution for all of your filtration needs. The same commitment to performance that drives the development of our collectors goes into our ancillary products. Rely on Donaldson Torit for the complete filtration solution for any dust, fume or mist collection application.

Rotary Valves

Rotary Valves offer an economical solution for automated handling of most discharge dust. Available in three models, AN, CI and F-Series, rotary valves provide continuous dust disposal that keeps hoppers and collectors operating at peak performance, thereby reducing dust collector maintenance time and cost.



Ancillary Products

Easy Duct™

Easy Duct ductwork eliminates time-consuming operations like riveting, cutting, brazing, and welding for standard length piping. Easy Duct can be assembled and taken apart with no special tools, saving ducting each time your floor plan changes.



Fans

Torit Backward Inclined (TBI) fans are available in sizes ranging from 3 hp to 30 hp. The TBI fan mounts directly to the clean-air plenum of the dust collector, eliminating costly transition ducting. Torit Radial Blade (TRB) fans are an economical, dependable radial fan with a direct-drive design to eliminate maintenance on fan bearings and belts. The TRB is available in sizes from 1 hp to 10 hp.

Delta P and Delta P Plus Controls

Delta P or Delta P Plus Controls are a key element of dust collector maintenance, measuring pressure drop across the filters to determine when servicing is needed. Recommended for all continuous-duty dust collection systems, Delta P monitors pulse pressure drop so that filters are cleaned only when necessary, reducing compressed air usage and prolonging filter life. Delta P Plus control adds the option of downtime cleaning.



HEPA & 95% DOP Filters

Providing a high filtration efficiency of 99.97% at 0.3 microns, HEPA filters can be used as afterfilters for dust, fume and mist collection, as primary filters in less stringent applications or as final filters in indoor industrial applications. Also available panel filters with 95% DOP media.

Proven Performance on Hundreds of Applications



DFO 4-48

Downflo® Oval cartridge collector
on metal grinding.



DLMC 3/7/15

Dalamatic® baghouse collector
on paper dust.



UMA 250

Unimaster® baghouse collector
on a school woodshop application.



DFT 4-48

Downflo® II cartridge collectors
on metal spraying.



DFO 2-2

Downflo® Oval cartridge collector
on paint pigment dust.



Easy-Trunk®

Easy-Trunk cartridge collector
on weld fume.



WSO 15

WSO mist collector
on vertical machining center.



376RF10

RF baghouse collector
at cabinet manufacturer.



DWS 6-4

Downflo® WorkStation cartridge collectors
on granite countertops.

Aftermarket and Customer Service

Filters and Bags Engineered for Performance

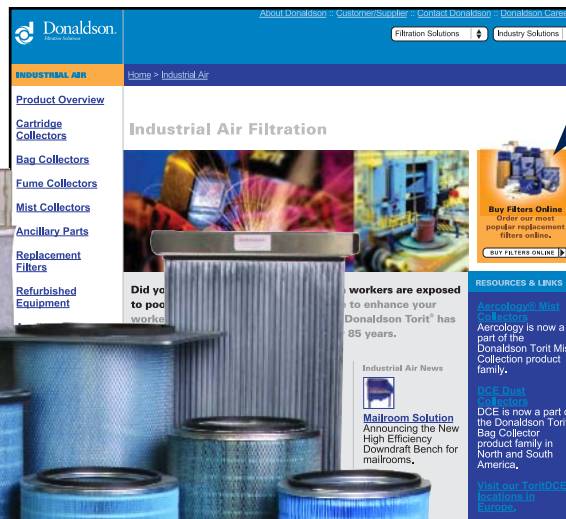
Using Donaldson Torit cartridge, bag, and panel filters can significantly improve the performance of your dust, fume and mist collectors. Uniquely engineered for longer filter life and higher filtration efficiency, Donaldson Torit cartridge and bag filters are the most cost-effective choice for any application.

Rely on us for the most comprehensive selection of filters for Donaldson Torit and other popular brands of collectors. With hundreds of varieties to choose from and all in-stock orders shipped within 24 hours, Donaldson Torit is your best, most reliable source for high performance cartridge and bag filters.

No other filter manufacturer can match Donaldson Torit's technical expertise and commitment. For the knowledgeable support you need to determine the right filters and bags for your application, call our customer service representatives at 800-365-1331 or visit us at www.donaldsonorit.com and click on "Search our Catalog."

Visit us at donaldsonorit.com

**READY
TO SHIP**



Browse Catalog

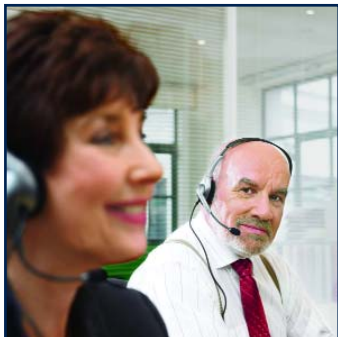
Cleaner Air Worldwide

Better Technology



- 550 engineers worldwide
- More than 500 patents
- Broad range of innovative collectors and filters
- 100's of media formulations

Experience & Service



- Technical expertise and support
- Ready-to-ship filters and parts within 24 hours
- 1,000,000+ dust, fume, & mist collectors installed

Global Support



- Facilities in 35 countries
- 37 manufacturing plants and 11 distribution centers
- Sales offices worldwide



Donaldson

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**Call Donaldson Torit
to get Cleaner Air today
800-365-1331**



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