



INDUSTRIAL AIR FILTRATION



A Partnership in Timber Milling and Woodworking

Engineered for
optimum performance

— A DIVISION OF —

Donaldson®

1800 503 878
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info@toritdce.com.au



A Partnership in Timber M

Dust control for every Timber Milling and Woodworking application



Timber milling & Processing:
Timber mills, Wood chippers,
Sawdust & shavings suppliers.



Building Materials Manufacturing:
Particleboard, Plywoods and veneers,
wallboards, laminates & laminated
panels, interior panelling



Finished Goods Manufacturing:
Joinery, Cabinet making,
wooden flooring, Furniture designers
& custom builders, wooden
cases & boxes, pallets & platforms.

Uncollected wood dust is costing you time and money

To be profitable, you expect top performance from your employees and equipment. But when wood-shavings, sawdust or fine dust from finishing gets in the way, neither your workers nor your tools can be fully productive, costing you precious time and money.

That's why you need a dust collection system from Torit DCE. No matter whether you operate a small cabinet shop, large millworks, or anything in between, with the broadest range of dust collectors in the world to select from, we can tailor a cost-effective dust collection solution that will improve productivity while providing a healthy and safe environment for you and your workers.

Benefits of Effective Dust Control

Increase Productivity & Profitability

- ◆ Improve productivity by reducing downtime, and time spent cleaning up
- ◆ Increase your profitability through higher production levels
- ◆ Increase customer satisfaction with improved product quality

Improve Employee Health

- ◆ Improve worker morale, reduce worker sick leave and increase worker retention.
- ◆ Protect you and your workers against the long-term hazards of working with wood dust such as dermatitis, allergic respiratory effects, chronic bronchitis, skin and eye irritation, and nasal cancer.

Reduce Fire Hazard

- ◆ The removal of dust from the building to a central collection point greatly reduces fire and explosion hazards and minimises the risk of harm to your workers or loss to your business.

Meet Government Regulations

Meet the "Exposure Standards for Atmospheric Contaminants in the Occupational Environment 1990" published by Work Safe Australia.

- ◆ Hardwood - 1 mg m³*
- ◆ Softwood - 5mg m³*

* The exposure standard Time Weighted Average (TWA) relates to average airborne concentration of wood dust when calculated over a normal eight-hour working day, for a five-day working week.

Milling, and Woodworking

It's easy to see why some operations are more productive than others.



5 Reasons you need Torit DCE

Cost-effective

Torit DCE dust collectors are designed and built using our exclusive FLUENT® computer-aided design software for maximum collector performance and efficiency. This reduces your initial capital investment and ensures lower ongoing operating expenses.

Largest Range

Torit DCE also has the world's largest range of collectors and the most complete line of filter media from which to select the best system to suit your application.

Complete Solution

We provide a completely engineered solution, from initial system design through installation, commissioning and after sales & technical support.

Experienced Engineers

Our initial design phase is extremely comprehensive to ensure maximum system efficiency and effectiveness. Each piece of woodworking equipment is carefully considered to ensure proper source capture velocity and hood design are achieved, as well as the correct ducting to ensure proper transport velocity.

We know your business

For decades we have been developing systems for a broad range of applications within the timber milling and woodworking industries. We know the tools you use, and more importantly, we understand the characteristics of the dust that they generate and how best to extract it.

A solution for all Dust type's

Class I: (Dust particles below 5µ in diameter)	Class II: (small wood chips from 5µ to 200µ in diameter)	Class III: (Dust consisting of fibres and small chips)
<ul style="list-style-type: none"> ◆ Wide Belt Sander & planer and abrasive planer ◆ Edge sander and belt sander ◆ Rotary sander and hand sander 	<ul style="list-style-type: none"> ◆ Cut-off saw ◆ Radial arm saw ◆ Table saw and panel saw ◆ Router ◆ Moulder ◆ Gang rip saw ◆ Shaper ◆ Jointer 	<ul style="list-style-type: none"> ◆ Band Saw ◆ Drill press/drilling station ◆ Mortise/tennon saw ◆ Thickness planer ◆ Lathe ◆ Edge Bander ◆ Wood Hog ◆ Hammermill



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After Sales & Technical Support Services

Integrated within the Torit DCE product package is a comprehensive after-sales and technical support service. We have highly trained engineers and service personnel with the knowledge and expertise to answer questions relating to any aspect of your operations dust control installation.

'Turnkey' Applications

From initial contact to final installation and commissioning, Torit DCE can arrange and manage the total project to ensure your application is completed on time and within budget.

Test and Examination

Comprehensive test and examination scheme to establish flow rates, volume and system pressure to ensure conformity with existing legislation throughout the world.

Installation

The expertise and back up service to deal with any sized installation including any ancillary work to be designed and produced, giving you total peace of mind.

Commissioning

Complete initial check to balance your dust control system from the people who designed it.

Service & Maintenance

Full service scheme to ensure smooth, reliable and continuous operation of the installation including a service register to satisfy stringent legislation.

Spares

Complete list of spares to make certain that emergency replacements reach you quickly and ensure minimum loss of production.

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