



# CAPABILITY STATEMENT 2025

**NZ DUCT+FLEX**  
FILTRATION + EXTRACTION SPECIALISTS





# COMPANY OVERVIEW

**NZ Duct + Flex** is Australasia's most advanced provider of dust and fume extraction systems. Backed by 70 years of industry experience, we specialise in delivering the world's safest, most energy-efficient and highest-performing extraction systems and filters on the market.

Our products are manufactured in leading European factories, meaning our systems exceed industry standards, ensuring

long-term efficiency, compliance and reliability. Our confidence results in industry leading 3-year warranties on our products.

We provide specialist experience across diverse industries, using our team of designers, installers and service professionals to ensure our clients receive the best system design, product and service, every time.

**Industry leaders in dust and fume extraction products – setting new standards in safety, efficiency and longevity across Australasia.**

**Contact Hours:** 8:30am – 5pm

☎ 09 276 8020

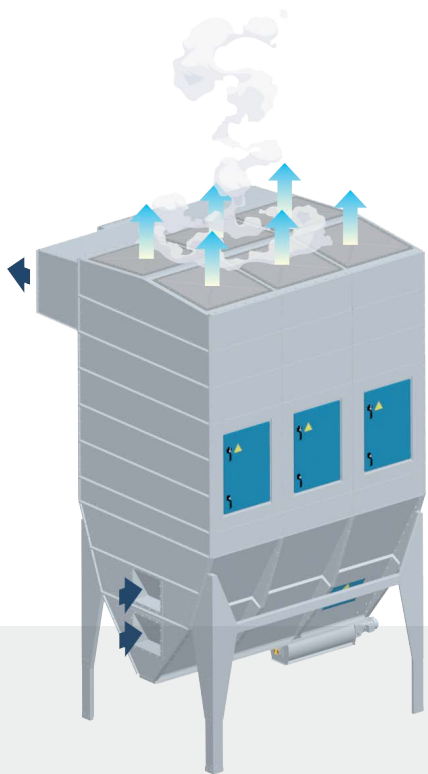
✉ [info@nzduct.co.nz](mailto:info@nzduct.co.nz)

🌐 [nzduct.co.nz](http://nzduct.co.nz)

NZBN 942 903 384 7870



We offer the safest  
and most energy  
efficient systems in  
the industry.



Proven performance across industries – we've  
installed over 500 systems in Australasia  
since 2005.

## OUR PURPOSE

At **NZ Duct + Flex**, we are setting the market benchmark for dust and fume extraction, delivering systems solutions that reduce operating costs while also enhancing workplace safety.

Our systems can save up to 30-90% of compressed air usage. We are the only supplier able to offer flameless dust explosion release.

We enable businesses to invest in sustainable and cost-effective solutions. Our superior technology is supported by a responsive team to get your project on track sooner.

By using our in-house teams to design, install and maintain your system rather than outside contractors, we ensure your system is handled by people who know the product best.





# OUR SERVICES

**NZ Duct + Flex** provides more than just superior products – you receive expertise and support from a team that understands every aspect of our dust and fume extraction systems, ensuring seamless integration, compliance and optimal long-term performance.

## • Installation

Using our own staff ensures seamless installation of all systems with minimal disruption to operations, guaranteeing optimal performance and long-term reliability in any industrial environments.

## • Parts & Supply

We provide genuine parts and components at our Auckland warehouses to support our customers.

## • Design

We provide fit-for purpose extraction system designs that ensure maximum efficiency, compliance and safety, custom-engineered to meet the unique operational needs of each client.

We provide specialist audits and design/specification assistance to our customers as well as mechanical consultants such as AURECON, BECA, S&T and WSP.

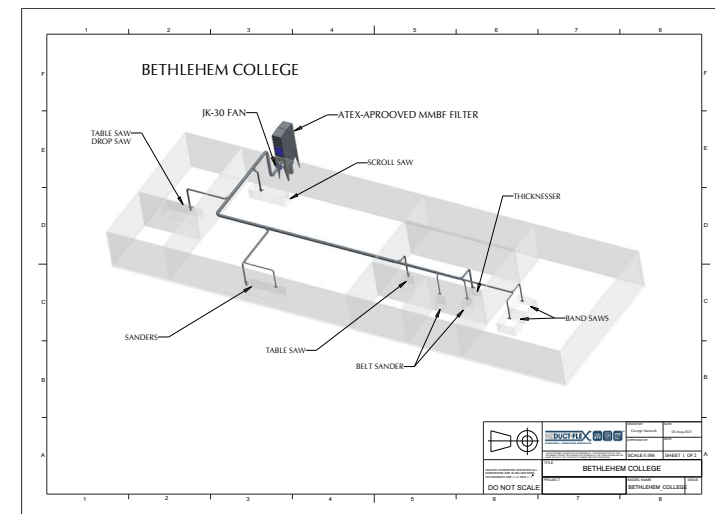
## • Maintenance & Servicing

We offer servicing by an experienced technician trained by the product manufacturer, to ensure peak efficiency, compliance and long-term reliability, minimising downtime while optimising system performance.

## • Warranty 3 Years

Systems designed and installed by us come with a 3-year warranty – provided the standard 12-month servicing is carried out by our technicians.

**More than just products, we offer full-system solutions – using our expertise to make sure you get the system you need.**



- **VFV – Vertical Flameless Venting of Any Dust Explosion**

Our unique VFV™ technology releases only the shockwave of any dust explosion vertically to the sky. No dust or flame escapes the filter, making it the world's safest.

- **VARIPulse – Energy Saving Cleaning**

VARIPulse™ uniquely senses build up on the filter material – the compressed air cleaning pulse is then uniquely varied between 1.2 and 5 bar. This saves between 30-90% of compressed air usage and results in unrivalled filter sock/cartridge life.

- **Vehicle Exhaust Reel/Boom/Rails**

Our versatile range enables flexible extraction to be provided close to the pollution source. We offer reels, booms and rail systems to ensure safe and efficient removal of hazardous fumes in workshops, emergency vehicle bays and industrial facilities.

- **Fans – High Efficiency, European Manufactured**

Featuring high-efficiency HOYER IE3 motors, our industrial fans ensure durability, energy savings and vibration free extraction.

- **Flexible Ducting – European Quality**

Our flexible ducting is sourced from German manufacturer Schauenburg – Europe's leading hose manufacturer, producing to the highest EU specifications. Customers repeat buy because our flex lasts longer and it's in stock for overnight delivery!

- **Downdraft, Grinding & Welding Tables**

A range which offers efficient airborne contaminant capture. Available as stand-alone or connected to an existing or new extraction system.

- **Fume Mobiles – European Quality**

These units provide flexible, space-saving solutions with high-efficiency filtration, supported by a long-time commitment to providing replacement filters and spare parts.

- **Liplock® Modular Ducting**

Featuring high quality Swedish steel with fine galvanised coating, we offer long lasting rust resistant performance. With pressed bends up to 400mm dia, the modular design enables full integration to our systems and quick installation.

- **Fume Arms – Robust and Energy Saving**

Manufactured from steel with cast external hinging for smooth air flow, these fume arms have 1/3 the pressure loss of our common competitor.

A wide range of flex products is available in sizes from 25mm to 500mm. Our Antistatic Poly flex is naturally antistatic, the static flows through the wall material and is 3x more effective at dissipating the charge than other products available in NZ.





# INDUSTRIES WE SERVE

NZ Duct + Flex provides industry-leading solutions across multiple sectors, ensuring safety, energy efficiency and compliance, with tailored high-performance extraction systems.

- Manufacturing
- Education
- Food & Beverage
- Defence
- Construction
- Recycling
- Government
- Mining
- Transport

Trusted by leading industries and clients for our safety innovation and high-performance dust and fume extraction systems.



# OUR CLIENTS

Installed in over 5000 sites in Europe, the Middle East and Asia-Pacific, our products have earned the trust of global industry leaders by delivering high-quality dust and fume extraction solutions. We are synonymous with innovation, commitment to superior performance and above all, safety.



# ● CASE STUDY

## The Challenge

In 2009 Methven, manufacturing stainless and brass bathroom fittings in West Auckland, operated with 5 Dust Filter units: each with 12 filter cartridges inside. Every 2 years, the replacement cartridges cost over \$30,000 at 2011 prices!

The units were old, pulsed every 30 seconds (x 5 units), and were starting to rust. The company also now needed to comply with more stringent resource emission regulations.

## Our Solution

NZ Duct + Flex installed a new Danish made JKF DustStorm™ unit with VARIpulse™ in January 2011 to replace two of the five original units. Told the filters would last over 5 years, the customer refused to believe this, so a 3-year warranty was given on the filter media.

The unique VARIPulse™ cleaning doesn't blast away every 30 seconds with 5/6/7 bar compressed air like other dust filters. Instead, it cleans as required, as the dust builds up and only with initially 1.5bar pressure. This achieves huge savings in compressed air usage, 30-90%. Wear on filter cartridges is also dramatically reduced.

## The Result

Methven was so impressed, four years later, moving to a new site, they relocated the DustStorm™, still with the original cartridges inside and added a second Jet Filter unit from NZ Duct + Flex to sit alongside.

Eventually production was moved offshore so both filters were on-sold. They are still in operation today after 14 years and 8 years respectively, with the original filter media.

Savings in not replacing filter cartridges over this period is over \$270,000: more than the two units cost!



**Proven reliability and efficiency  
– our long-lasting filters  
reduce maintenance costs and  
enhance workplace safety.**






## ACCREDITATION

Our products and systems comply with the highest industry standards, such as:


- **ISO 9001: 2015 Quality Management**
- **ISO 45001: 2018 Working Environment**
- **ISO 14001: 2015 Environment Protection**
- **ATEX: 2014/34/EU**
- **IECEX**
- **ISO/AS/NZS 60079 Explosive Atmospheres**

This ensures reliability, efficiency and safety in every installation. We are committed to delivering quality solutions backed by globally recognised certifications.

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