

VIKING

0508 XTRACT

EXTRACTION SPECIALISTS
MANUFACTURING ENGINEERS



**40+ Years
Experience
Manufacturing
in New Zealand,
for New Zealand**

DUST EXTRACTION

- » Reverse pulse bag filters
- » Camfil Gold series collectors
- » Cyclone and static filters
- » Fans and rotary valves

Design, Build, Install & Project
Manage

SPRAY BOOTHS

- » Kit-set open face booths
- » Auto spray lines
- » Heated spray & bake booths
- » Heated drying rooms
- » Paint work stations
- » Spray plenums

Designed & manufactured to
AS/NZ 4114

V-DUCT

Modular ducting components
pipes, bends, clamps, reducing
branches, diverter valves,
dampers and more

TIMBER HEAT- TREATMENT PLANTS

Heat treatment ovens for
wood packaging to ISPM 15
regulations

Stand alone ovens & containers



MODULAR REVERSE FLOW FILTER SYSTEMS

For installation into continued operating plants and machinery which require constant extraction rates, or single shift manufacturing. Designed to separate large volumes of coarse through to fine materials.

Filter cleaning is achieved by reversing air flow through the out side of the filter sleeve, removing dust deposited on the inside surface.

These systems operate under positive pressure. Modular-type construction with ability to add as you grow with standard modules available.



SPRAY BOOTHS

Viking is the **largest manufacturer of spray painting booths** in New Zealand. All sizes, temperatures and shapes can be made to order from market leaders or purchase our Viking kit-sets off the shelf. The kit-sets range from 1-4m wide and can be freighted nationwide and easily installed. Viking also supply a range of 'multi-cure booths' with spray and bake temperatures ideal for every industry. All booths are designed, manufactured and installed as per AS/NZ4114.



STATIC BAG FILTER RANGE

A general purpose filter system ideal for jobbing type manufacturing but can also be for larger installation. With a very low air to cloth ratio and under very low pressure, the static filter is non cleaning system and relies upon the natural downdraft flow to remove dust cake from the inside of the filter sleeves.



CAMFIL REVERSE PULSE CARTRIDGE

The patented Gold Cone Filter has allowed many facilities to reduce the number of filters they have to use and change. The innovative cone of filter media expands the usable area of filter, allowing a reduction in the number of filters by at least a third. The design has also led to long filter life with low pressure drops. The HemiPleat improves the performance of any cartridge dust collector, by pulling more air with less energy, thus capturing pollutants better. Filtration efficiencies exceeds 99.99% at 0.5 micron particles size



CYCLONES

Cyclones are mostly required for the processing of timber and/or larger, heavier particles. We manufacture a complete range from Galvanized through to Stainless Steel for all industries and processes.



OTHER FILTERING SYSTEMS



Oil Mist



*Composite & Stone
Cartridge Filter*



Heated Supply Air



Auto Paint Line

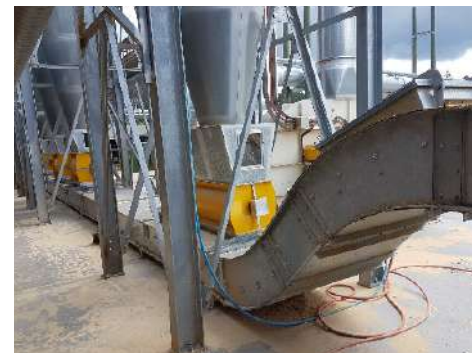


Down Draft Extraction



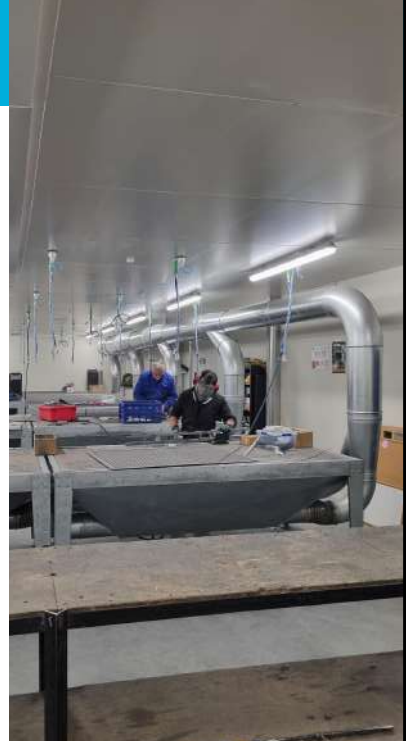
MATERIAL & PRODUCT HANDLING EQUIPMENT

- » Pneumatic Conveying and Transportation Systems
- » Drag Chain Conveyors
- » NZ Agent for Pacline Overhead Conveyors
- » Auger Screw Feeders
- » Bin Filling Stations
- » Rotary Valves
- » High Pressure Blower Fans
- » Diverter Valves



V-DUCT MODULAR DUCTING

Viking's very own ducting range consists of an extensive array of modular ducting components ideal for off-the-shelf ducting solutions. Ranging from 100mm to 300mm is kept in stock. All other sizes are made to suite a client's exact needs. Ducting is manufactured to allow for various connections such as lock-rings, flanges and slip joints.



WELDING & FUME EXTRACTION

Fixed and portable fume extraction arms & centralised welding fume extraction systems. Design - Manufacture - Installation.



FANS

With extraction systems having such diverse demands and requirements, there is a need for an equally diverse array of fan performances and specifications. Viking takes pride in its comprehensive line of in-house manufactured fan units. Spanning an air volume spectrum of 1000 m³/h to 100,000 m³/h, our offerings encompass a wide array of applications including:

- » Material Handling
- » Air Circulation
- » Axial and Centrifugal fans
- » Explosion-Proof Units
- » Wall and Roof Supply
- » Extract Fans

Along with a variety of impeller configurations, all meticulously designed to ensure seamless and uninterrupted operation.



TIMBER & PACKAGING HEAT TREATMENT OVENS

Heat treatment ovens for timber packaging to ISPM15. Can be customised to your specific requirements





**Find the right solution the first time, on time, every time:
Talk to a Viking**

SHEETMETAL MANUFACTURING

Need a metal part made or design brought to life?

Our state-of-the-art laser cutter and press-brakes produce precision-cut, complex designs at scale. We pride ourselves on our fast turn-around times, quality finished products and competitive pricing.

We cut and fold mild steel, galvanised sheet, stainless steel, copper and aluminium.



Han's Laser 3015/3KW



JFY 100/3100 & 160/4200 Press

VK MARINE

From aluminium boat modifications, new builds and refit work, VK Marine capabilities are from combining the trade and engineering skills of Viking's core business enabling diversification into the marine industry. All aspects of aluminium fabrication are carried out either in house or dock-side.



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