

## Environmental Products

### Hellan Fluid Strainers

Manual & motorised fluid strainers.  
Suitable for all industrial, medical and pharmaceutical wastes.



Hellan fluid strainer

### Cooling Towers



Single Cell Forced Draft with Axial Fan



Single & Multiple Cell Forced Draft With Low Noise Centrifugal Fans

Comprehensive range of high-quality cooling towers.

From single cell forced draft through to multiple cell forced draft using axial or low noise centrifugal fans.

Replacement high efficiency pack & drift eliminators will suit many towers for upgrade or repairs.

Robust steel construction outlasts brittle fibreglass under NZ high UV conditions.



## Other World-Leading Technology

- Comprehensive range of high-quality cooling towers.
- High Quality & High Efficiency Industrial fans
- A huge range of Air filtration products for industry
- Consistent high quality fabrication.
- Gas Phase filtration for odour control
- Manufactured in New Zealand
- A full range of other world leading products and services are available from IPSCO.



## Dust Collection for Industry

**IPSCO** provides total commitment to solving your dust collection problems.

For over 40 years we have supplied solutions to almost every industry in New Zealand.

Most of our products are made here in New Zealand often with support from our world wide technical partners.

We have a substantial range of dust collector and scrubber solutions for most industry applications and can provide a full range of other industrial products and services.

From dry dust collection through to wet scrubbers and from compact packaged units through to large custom engineered installations.

IPSCO has the solution to all your dust collection problems.



IPSCO Dust Collection

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IPSCO

### Standard Pulse Flow Bag Filters

Standard Pre-assembled units range in size from 16 to 144 bags in 2, 2.5 and 3 metre bag lengths.

Available with top removal and bottom removal bags



Square welded bagfilter with ground mounted Fan



Modular pulseflow bagfilter with walk-in plenum & anti-condensation heater



Square welded baghouse on metal polishing application. Fan mounted at high level

### Field Erected Pulse Flow Bag Filters

Large Field Erected baghouses specifically matched to customers needs.

Special designs for the Steel, Aluminium, Fertilizer and Cement Industries.

High Temperature baghouses for boilers.

Bag lengths up to 8 m.



Custom Field erected Baghouse on cement mill



Custom field erected baghouses on large coal fired boiler

## Cartridge Filters



OptiFlow cartridge filter



OptiFlow Dust Catcher

A developmental step forward from pulse jet bag filters allowing more compact, lower profile units particularly applicable for installation inside factories and where space is at a premium.

## Silo Vents

For mounting directly on to receiver bins or silos, particularly useful in the cement industry.  
Conventional and insertable designs are available.



Pulseflow filter venting a cement silo

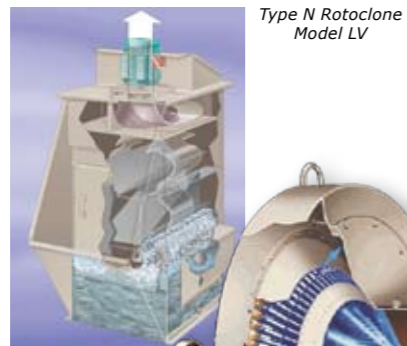


Insertable silo vent pulseflow bagfilter

## Scrubbers



Type KinFactor



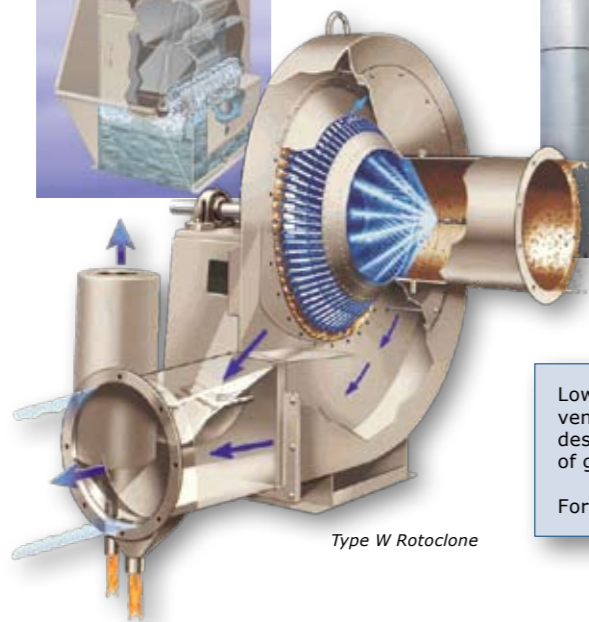
Type N Rotoclone Model LV



Stainless steel dynamic scrubber



Fibreglass venturi scrubber with separator  
[Note IPSCO cooling tower behind]



Type W Rotoclone

Low, Medium and High energy venturi scrubbers in a number of designs with collection efficiencies of greater than 99.9%

For dust, fume and odour control.



Tradewind No Pump Scrubber with fan

## Cyclones



Collection system with pulsestream bagfilter downstream from cyclone set



Cyclone installation in wood processing plant

High Efficiency for a broad range of industrial applications.  
Offering 99.9% efficiency for particle sizes of 10 micron and above.

## Cast MultiCyclones

Cast multi-cyclones are used particularly for fly ash collection after boilers.



Replaceable, non-plugging cyclonic valves



Body and hopper sections ready for field erection

## Air Locks



200mm cast rotary valve

For the controlled discharge of dust from dust collector hoppers.

## Tradewind Packaged Single Bag Units

For those tiny jobs where the flow & pressure requirements are too much for the off the shelf wood working accessory store product.



Tradewind single bag unit under test in our factory

