

"Specialists in Materials Handling and Processing Technology"



Phone: +61 7 3208 3499  
Fax: +61 7 3208 3449  
Email: [sales@filquip.com.au](mailto:sales@filquip.com.au)

5/126 Compton Road  
Underwood QLD 4119

PO Box 3043 Logan DC  
QLD 4114 Australia

[www.filquip.com.au](http://www.filquip.com.au)

# Introduction to Filquip

Filquip Pty Ltd is an Australian company that has been in operation since July 1999. Prior to that, the company traded as Australian Filter Specialists (Export) Pty Ltd, a division of Swiss Screens (Aust.) Pty Ltd.

Today the company specialises in supplying equipment and filtration media for powder and granular materials handling to the following industries throughout Australia and the Asia/Pacific Region. Almost any application involving the movement of powders and granules or industrial filtration can be serviced by Filquip.

- Building & Construction
- Cement Processing & Concrete Batching Plants
- Gypsum Processing
- Quarry Sites
- Asphalt Plants
- Feed & Food
- Flour Milling
- Animal Feed & Seed Production
- Beverage & Oil Production
- Plastics & Chemicals
- Rubber Processing and Recycling
- Fertilizer Processing
- Pharmaceuticals Processing
- Paint and Resin Processing
- Power Plants (Fly-Ash handling)
- Wharf / Port Storage and handling plants
- Environmental Technologies
- Water & Waste Water Treatment

Our staff take pride in understanding the needs of our customers and the importance of good communication, particularly with our clients in remote areas. With office and multiple warehouse facilities in Brisbane and working with specialist resellers in all Australian states and New Zealand we can provide an excellent level of service to all.

Filquip are proud to be the suppliers of companies providing industry leading equipment and technologies to the markets we serve:

- WAM® Materials Handling
- OLI® Vibration & Aeration
- AIR-TEC SYSTEM® Pneumatic Conveying



## Screw Conveyors - Tubular

### WAM Screw Conveyors - Tubular

Filquip supplies a large range of WAM screw conveyors including Cement screw conveyors, Tubular, Horizontal, Vertical, Shaftless and High temperature options.

- Tubular screw diameters of 114, 139, 168, 193, 219, 273, 323, 406, 457, 558 & 600mm.
- Numerous inlet and outlet options including spigot, round and square flanges and universal.
- Standard or Custom built screw conveyors including options for multiple inlets and outlets, reversible operation and with inspection hatches as required.



## Screw Conveyors - Trough

### WAM Screw Conveyors - Trough

Filquip supplies a large range of WAM trough screw conveyors available in shafted and shaftless configurations including high temperature options.

- Trough screw diameters of 150, 200, 250, 300, 350, 400, 500 & 600mm.
- Numerous inlet and outlet options including spigot, round and square flanges and universal.
- Standard or custom built screw conveyors including options for multiple inlets and outlets, liners and wear bars, reversible operation and with inspection hatches as required.
- Throughputs of up to 100m<sup>3</sup> / hr.



## Live Silo/Bin Bottoms MU

### WAM Live Silo/Bin Bottoms MU

MU Live Bin Bottoms are the ideal solution for discharging particularly difficult materials from polygonal hoppers or silos.

- Used for extracting biological or industrial sludge, paper scrap, wood chippings, sawdust, flour, bran, chemical pellets and many other products.
- Up to 6 shafted helicoid flight or paddle screws.
- Screw diameters from 150 to 600mm and trough length from 1,500 to 4,000mm.
- Available in Carbon steel or Stainless steel.





## Bulk Bag Unloader SBB

### EXTRAC Bulk Bag Unloader SBB

The SBB Bulk Bag unloader provides an effective solution for unloading bulk bags of product in an efficient manner.

- Available in a half frame height where a crane or forklift is utilised to lift and hold the bag during unloading.
- Available in full frame height with telescopic rails for bag loading with a forklift into the frame.
- Includes a vibrating pan plate and dust collection point to ensure fast and clean bulk bag unloading.
- Available in Carbon steel, Stainless steel 304 & 316.



## Bulk Bag Filler RBB

### EXTRAC Bulk Bag Filler RBB

The RBB Bulk Bag Filler uses a steel support frame with telescopic tubes allowing height adjustment to adapt to different bulk bag dimensions.

- Available in Carbon steel, Stainless steel 304 & 316.

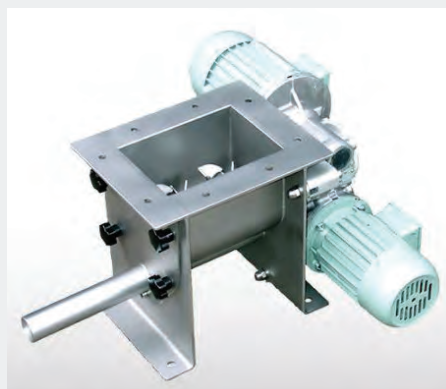


## Microbatch Feeders MBF

### WAM Microbatch Feeders MBF

The MBF range of Micro-batch feeders provide accurate volumetric feeding of powder and granular materials.

- Stainless steel body, Agitator tool and Feeder screw.
- Available with Horizontal or Vertical spout outlets.
- Available in food-grade and ATEX zone versions.
- Throughputs of up to  $6\text{m}^3$  / hr.
- Integration with a loss in weight system or VSD can provide automated accurate batching/dosing systems.



## Slide Gate Valves

### WAM Slide Gate Valves

Slide gate valves are used where the flow of a bulk solid by gravity is required to be intercepted.

- Carbon steel and Stainless steel construction material options.
- Square cross section sizes of 150, 200, 250, 300, 350, 400, 450, 550, 650, 750 & 950mm.
- Round cross section diameters of 150, 200, 250, 300, 350 & 400mm.
- Rectangular cross section sizes of 150x250, 200x300, 250x400, 300x450, 375x560 & 425x650mm.
- Internal Actuation available and Low profile "thin" gates available.
- Manual, Pneumatic or Electrical Actuation options available.

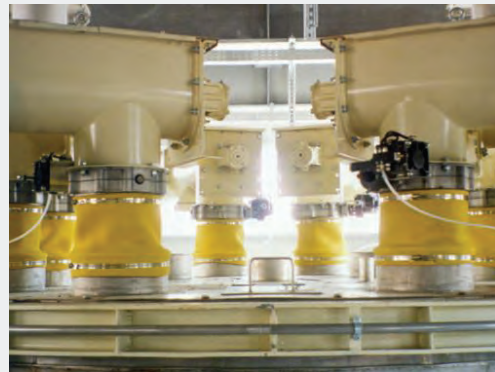
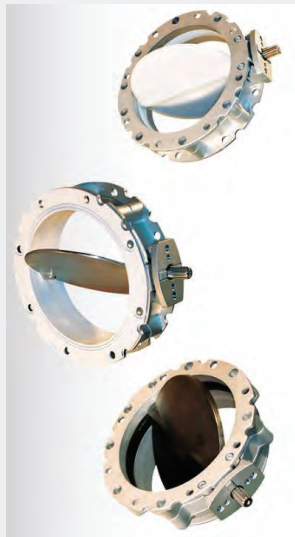


## Butterfly Valves

### WAM Butterfly Valves

Filquip supplies a range of butterfly valves for materials handling systems.

- Valve pressure rating options of up to 0.2, 2.5 and 8 bar.
- Carbon steel, Aluminium alloy and Stainless steel material options.
- Manual, Pneumatic or Electrical actuation options available.
- Size options of 100, 125, 150, 175, 200, 250, 300, 350 & 400mm diameter.



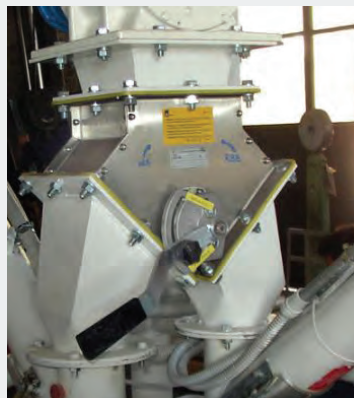
## Gravity Diverter Flap Valve DVA

### WAM Gravity Diverter Flap Valve DVA

The DVA Diverter flap valves are for diverting gravity flow of material from one source to two destinations.

- Manufactured from aluminium alloy with SINT engineering polymer lining.
- Manual, Pneumatic or Electrical actuation options available.
- Food grade version available.

The DVA comes in 175, 225, 275 and 325mm square internal inlet and outlet sizes.





## Rotary Valves

### TOREX Rotary Valves

Filquip provides a range of Torex rotary valves to meter solids from a hopper or silo, place into a blower pneumatic conveying system or provide an airlock on a dust collector.

- Drop through and Blow through options in Cast iron, Stainless Steel 304 & 316, Chromed, Teflon and Nickel plated.
- Round inlet diameters of 150,200,250 & 300mm.
- Square inlet dimensions of 150,200,250 & 300mm.
- Rectangular inlet dimensions of 170x122, 238x135, 276x148, 377x196, 470x240 & 569x284mm.
- Capacities of 2, 5, 10, 20, 35 & 80 L/ Rev.
- Working Temperatures from -40°C to 150°C.

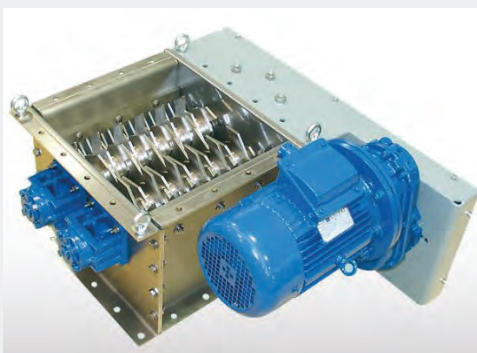


## Lump Breakers DLP

### EXTRAC Lump Breakers DLP

Filquip provides a range of lump breakers and crumblers for breaking up lumpy materials.

- Twin shaft for high throughput rates.
- Available in Carbon steel, Stainless steel 304 & 316.
- Throughputs up to 50m<sup>3</sup> / hr.



## Bucket Elevators

### RONCUZZI Bucket Elevators

Filquip is a supplier of Bucket Elevators for vertically conveying bulk solids in powder, granular chips or pellet forms.

- Available in Carbon steel, Stainless steel 304 & 316.
- Throughput rates up to 500m<sup>3</sup> / hr.
- Discharge heights up to 45m tall.
- Material operating temperatures up to 180°C.



## Loading / Outloading Bellows

### TOREX Loading / Outloading Bellows

The Torex telescopic loading bellows range has been developed for efficient dust free loading and unloading of powders and granular materials.

- Available in Open truck, Tanker, Drum and Ship options.
- Throughput capacity from 1m<sup>3</sup> to 1,800m<sup>3</sup> / hr across the product range.
- ATEX Zone 20-22 and 20-21 versions available.
- Operating temperatures from -40°C to 150°C.



## Concrete Reclaimers CONSEP

### WAM Concrete Reclaimers CONSEP

The CONSEP concrete reclaimer system is used for the recovery of sand, aggregate and wash water from concrete trucks, mixers and pumps.

- Up to 20m<sup>3</sup> / hr of diluted concrete can be reclaimed per unit.
- Separation of solid fines down to 0.15mm.
- Available in T Shape, L Shape and H Shape configurations to accommodate use by up to 4 trucks at once.
- Additional loading buffer unit available to increase capacity
- Additional classifier available to further segregate reclaimed solids by size into sands and aggregates.

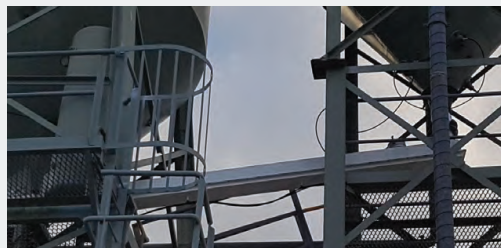


## Air Slides

### Air Slides

Filquip is a provider of new airslide systems to the bulk materials handling industry to meet the custom dimensions for your project.

Filquip can also supply replacement air slide material in rolls or cut to any shape to fit most systems.





## Dust Conditioners

### MAP Dust Conditioners

The Wetdust and Dustfix dust conditioners provide an economical solution for conditioning industrial dusts.

- Suitable for dust recycling, storage or disposal.
- Developed for handling the most abrasive industrial dusts and quarry return pit dusts.
- Throughput rates up to 80m<sup>3</sup> per hr.



## Mortar Mixers

### MAP Mortar Mixers

Filquip is a supplier of mortar mixers with bag feed and silo feed options.

- The Wetmix V05 is a continuous horizontal single shaft mixer for fitting under a silo in the preparation of premixed mortars or plasters.
- The Wetmix bag unit is a horizontal single shaft mixer suitable for all dry premixed building materials delivered on bags such as mortars, plasters, slags and adhesives.



## Ploughshare, Paddle and Ribbon Mixers and Blenders

### MAP Ploughshare, Paddle and Ribbon Mixers and Blenders

Within the MAP range of mixers supplied by Filquip a solution can be provided for any batch or continuous mixing project.

- Batch ploughshare mixers with capacities from 75 to 15,000 L/Batch.
- Continuous ploughshare mixers with capacities from 2 to 450m<sup>3</sup>/hr.
- Batch ribbon blenders with capacities from 75 to 15,000 L/Batch.
- Continuous ribbon blenders with capacities from 75 to 15,000 L/Batch.
- Batch twin paddle shaft mixers with capacities from 120 to 3,600 L/Batch.





## Pressure Relief Valves

### WAM Pressure Relief Valves

Filquip supplies spring-loaded and membrane pressure relief valves to provide a safety net when abnormal pressure conditions develop in the silo, hopper or bin.

- Excess pressure up to 500 mm H<sub>2</sub>O at a flow rate of 6,000m<sup>3</sup>/hr.
- Vacuum/Negative pressure up to -50 mm H<sub>2</sub>O at a flow rate of 1,900m<sup>3</sup>/hr.



## Explosion Panels

### VIGILEX Explosion Panels

Filquip is an Australian Distributor of Vigilex Explosion Protection Panels.

- Available many rectangular, square and round sizes.
- EPDM or Silicon food grade gasket options.
- Stainless steel construction.

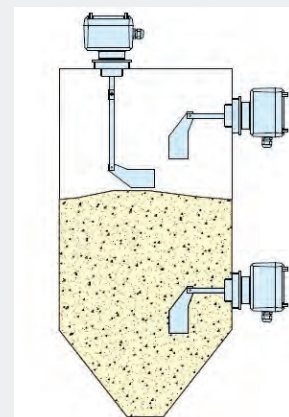


## Level Indicators

### TOREX Level Indicators

Filquip is a supplier of Vibrating, Capacitance, RF and Rotating level Indicators.

- Available with extension kits to suit any silo or hopper high or low level requirements.
- IP66 Enclosure protection.
- Multi-voltage output signals available.
- High pressure capable options available.



# Silos

## SILOFAB Silos

Filquip can supply Welded or Bolt together silo packages including all of the required Silo "Jewellery" to Australian Standards.

- Welded silos available in custom built heights, diameters and capacities.
- Bolt together silo options from 35m<sup>3</sup> to 125 m<sup>3</sup>.

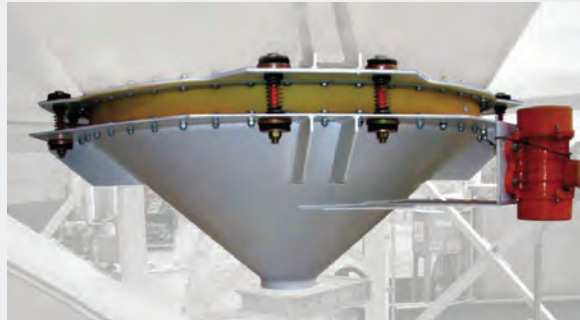


## Bin Activator

### EXTRAC Bin Activator

The Bin Activator is a silo or bin discharging device that utilises controlled vibration for continuous product extraction with optimal mass flow.

- Available in Stainless steel 304, Carbon steel or Carbon steel with food grade paint.
- Seamless discharge cone.
- ATEX Zone 21 & 22 Certified Versions available.
- Gasket made from wear-resistant SINT engineering polymer.

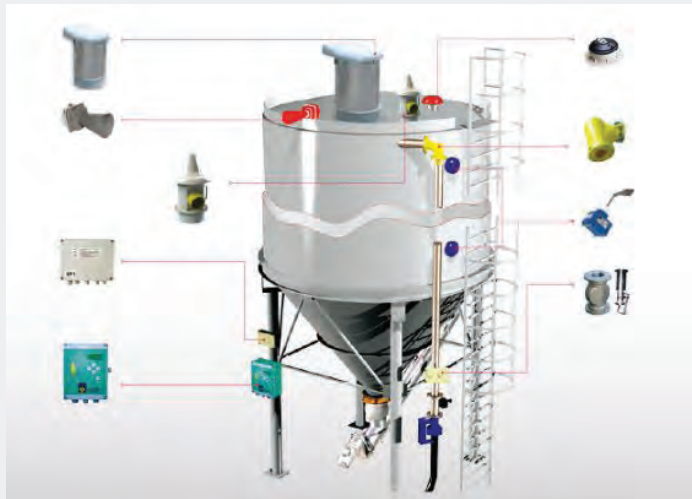


## Silo Overfill Protection System

### Silo Overfill Protection System

Filquip can supply a tailored silo overfill protection system to suit any system, to prevent dangerous over pressurisation and over filling, while eliminating dust emissions.

- Avoid damage to silo and accessories.
- Reduce the risk of air pollution.
- Eliminate the risk of filling the incorrect silo.
- Start and stop the filter cleaner automatically.



## Automatic Bag Splitters RSA

### EXTRAC Automatic Bag Splitters RSA

The RSA Automatic Bag Splitter allows the splitting of bags loaded onto a conveyor belt by pressing and cutting.

- Product screening allows the bags to be completely emptied and the waste bag material removed from the product.
- Ideal for discharging dangerous products from bags safely.



## Manual Bag Emptier RSM

### EXTRAC Manual Bag Emptier RSM

The RSM Manual bag emptier allows the user friendly splitting of bags in a dust controlled environment.

With easy connection to a screw conveyor, feeder or pneumatic conveying system for safe discharge of dangerous products.



## Waste Bag Compactors COM

### EXTRAC Waste Bag Compactors COM

For disposing of large volumes of empty bags the COM Waste Bag Compactor is an efficient and economical solution.

Available in Carbon steel and Stainless Steel 304 with ATEX Zone 22 certification.



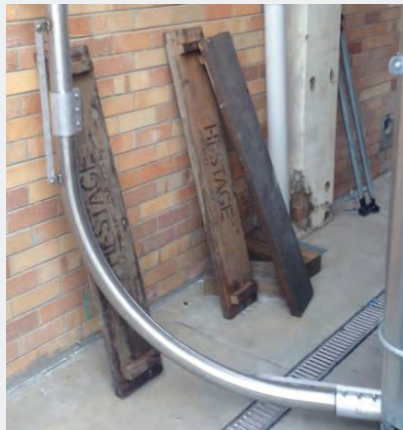


## Pipe Couplings

### EURAC Pipe Couplings

Filquip is an Australian distributor and agent of Eurac couplings for pipe and tube.

- Sizing from 38.1mm to 300mm in diameter.
- Suitable for all pneumatic and vacuum conveying operations.
- High working pressure.
- Available in Galvanised steel with Stainless Steel contact parts or in full 304 Stainless Steel.
- NBR seals supplied as standard, other options includes FDA approved food grade, Viton and Silicon seals.



## Wear Bends - Extrabend

### SINT Wear Bends - Extrabend

Filquip is a supplier of short radius wear bends with WAM patented geometry enabling diversion of the flow of the material at minimum wear.



## Wear Elbows - Extracurve

### SINT Wear Elbows - Extracurve

Filquip is a supplier of long radius wear bends made from patented WAM SINT engineering polymer cast around a helicoid spring core.

The symmetric nature of the wear bends allows them to be mounted in reverse when they begin to show signs of wear from abrasive materials.

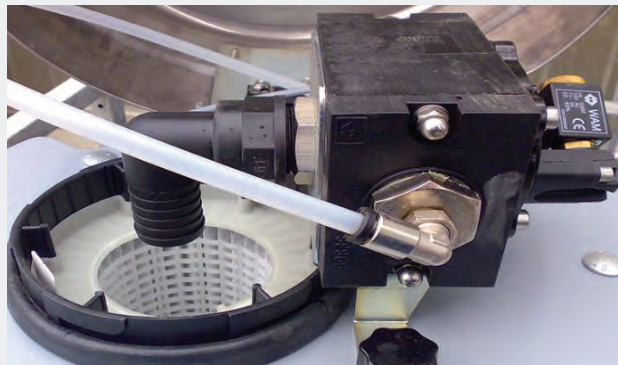


## Hoppertop Dust Collector

### WAM Hoppertop Dust Collector

The Hoppertop is a compact stainless steel air filter unit for hoppers, tanks and small silos with a filtration surface area of 1m<sup>2</sup>.

Dust is separated from the air through a filter cartridge which uses an automatic reverse air jet cleaning system to clean the cartridge and return dust to the hopper.

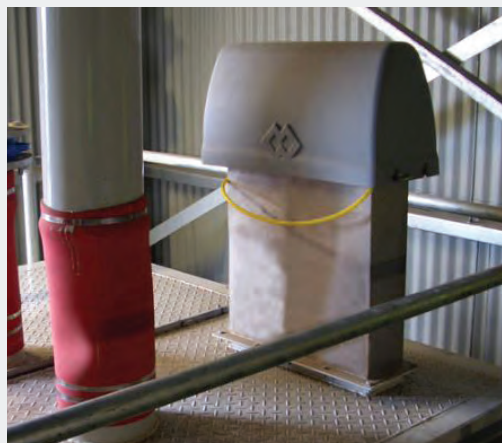


## Hopperjet Duct Collector

### WAM Hopperjet Duct Collector

The Hopperjet is a compact air filter unit for hoppers, tanks and small silos with a filtration surface area of 2m<sup>2</sup>.

Dust is separated from the air through a filter cartridge which uses an automatic reverse air jet cleaning system to clean the cartridge and return dust to the hopper.



## Silotop Dust Collector

### WAM Silotop Dust Collector

The Silotop is a cylindrical shaped dust collector designed specifically for mounting on silos.

- Filtration surface area of 24.5m<sup>2</sup>.
- Compact size of 800mm diameter in a Stainless steel body.
- Maintenance free automatic reverse air jet cleaning of the cartridges.
- The Silotop is compliant with the most advanced health and safety standards.



## Wamflo Dust Collector

### Wamflo Dust Collector

The Wamflo dust collector is a flanged round dust collector designed to control emissions of any kind of dust in virtually all industrial sectors.

- Filtration surface areas from 2m<sup>2</sup> to 44m<sup>2</sup>.
- Range of bag and cartridge filter options.
- Robust stainless steel 304 body.

The Wamflo dust collector has maintenance free automatic reverse air jet cleaning of the cartridges to return collected dust to the silo.



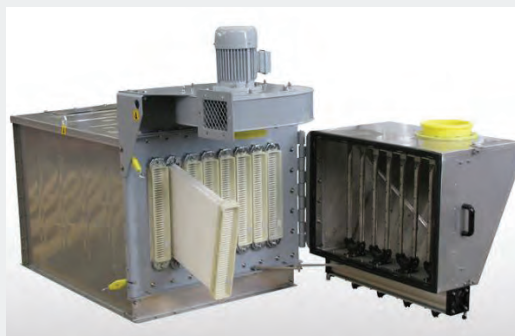
## Wamair Polygonal Dust Collector

### Wamair Polygonal Dust Collector

The Wamair polygonal dust collector is a flanged dust collector designed to control the emission of any kind of dust in virtually all industrial sectors.

- Air volumes up to 9,000m<sup>3</sup>/hr.
- Filtration surface areas from 3m<sup>2</sup> to 70m<sup>2</sup>.
- Optional vertical or horizontal filter elements.
- Robust stainless steel 304 body.
- Available in ATEX versions.

The Wamair dust collector has maintenance free automatic reverse air jet cleaning of the cartridges.



## Tecu Fume and Dust Filter for Metal Processing

### Tecu Fume and Dust Filter for Metal Processing

The Tecu is a modular filter designed for the collection of fumes and dust generated by metal processing and sand blasting works. The negative pressure from the suction fan draws the fumes through the specialised filter elements inside the filter unit.

- Air volumes from 4,000m<sup>3</sup>/hr to 24,000m<sup>3</sup>/hr.
- Filtration surface areas from 74m<sup>2</sup> to 444m<sup>2</sup>.

The Tecu system is easily compatible with Recofil and Easyfill systems to remove operation and maintenance cleaning requirements as well as recovering product.





## Drybatch Dust Collector

### WAM Drybatch Dust Collector

The Drybatch dust collector is specifically designed to capture and filter the dusty air generated during concrete truck loading and mixing processes in batch plants.

- Filtration surface area of 54m<sup>2</sup> with an 11kW fan.
- The body and door are made from Stainless Steel 304 and the frame from painted mild steel.

The Drybatch dust collector has maintenance free automatic reverse air jet cleaning of the cartridges.



## Dustshake Dust Collector

### WAM Dustshake Dust Collector

The Dustshake Dust Collector is a polygonal shaped dust collector for venting hoppers, tanks and silos. Dust is separated from the filter pockets from the electromechanical shaking motion of the filter elements.

A stainless steel body with hinged design allows easy maintenance access and simple installation.



## DK Dust Collector Hopper

### WAM DK Dust Collector Hopper

Filquip Supplies a range of DK Hoppers to suit the flange patterns of the WAM dust collector range.

- Available in Mild steel, Stainless steel 304 & 316.
- Dust outlet options of Bin & seal Kit, Rotary valve, Chute or Recofil System.

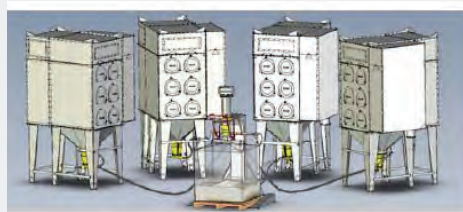


## Recofil Dust Conveying System

### WAM Recofil Dust Conveying System

The Recofil pneumatic dust conveying system can be retrofitted onto dust collectors to convey the dust from the collector.

- Allows the re-use of the product dust into plant processes minimising waste.
- Can operate on the compressed air from the dust collector cleaning system.
- Transports dust up to 10m at a rate of up to 60 kg/hr.



## Dust Filter Bags

### Dust Filter Bags

Filquip can supply dust filter bags for almost any collector unit. We pride ourselves on being able to deliver dust filter bag solutions for the dirtiest, stickiest, hottest and nastiest products.

Snap cuff, Raw edge, Cord, A-hanger, Grommet, Loop, Strap, Support ring, Rubber o-ring, Disk bottom, Disk with wear strip, Flange, Hem, Sewn flat and Envelope type dust bags available.

General enquiries and challenges to find solutions to dust collector and bag house problems are welcomed.



## Blower Filter Cartridges

### Blower Filter Cartridges

Filquip supplies inlet filter cartridges for blowers in a variety of sizes and filtration media options.

- Range up to 11,900 m<sup>3</sup>/hr air capacity.
- Inner Diameters range of 41, 63, 86, 104, 129, 165, 190, 244, 269, 368, 489, 636mm.
- Standard cartridges available in felt media, other media options include paper and foam.
- Foam pre-filters are available to order.



## Filter Cartridges

### Filter Cartridges

Filquip offers a range of filter cartridges for almost any collector unit. Filquip can manufacture filter cartridges to provide a solution to any cartridge filter problem. We pride ourselves on being able to deliver filtration solutions for the dirtiest, stickiest, hottest and nastiest products.

- Snap ring, Bottom screw-in, Standard plain end, Flanged plain end, Tri-lobe style top cap options available
- Metal, Polymer/plastic cap and Moulded base matching pleat bottom cap options available.

General enquiries and challenges to find solutions to dust collector and bag house problems are welcomed.



## Filter Media

### Filter Media

Filquip offers a range of filter media for over spray and painting booths as well as for the manufacture of air intake filters.

Our range includes AFS100, AFS103, AFS200, AFS500, AFS-EC60 and more.

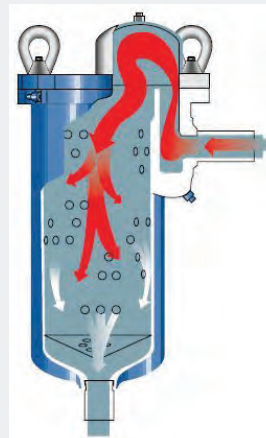


## Liquid Filters

### Liquid Filters

Filquip supplies a large range of liquid filters including needle felts, nylon strainer mesh and metal strainer mesh. P1, P2, P3 & P4 Pong filter bag types available in a Polyloc top or Steel ring configuration.

Filquip supplies liquid filtration equipment and housings in Polypropylene, Carbon steel, Stainless steel 304 & 316 as well as Titanium and Hastelloy C options.





## Bart Dense Phase Pneumatic Conveying System

### BART Dense Phase Pneumatic Conveying System

- Distances up to 20m & capacity up to 1 ton/h.
- Pressure up to 2 bar with vessel capacity 24L.
- 150mm diameter Inlet Valve.
- Transport pipeline outlet options of 1.5", 2" and 3" diameter.
- Available in ATEX Zone 21 & 22, Carbon steel, Stainless steel 304 & 316.
- High temperature version available for materials up to 250° C such as ashes and slag.

The BART is able to transport materials that tend to clog and is particularly suitable for humid places, as well as food, chemical or pharmaceutical industries.



## Bart-One 80 – 150 – 300 – 600 – 900 Dense Phase Pneumatic Conveying Systems

### BARTONE 80 – 150 – 300 – 600 – 900 Dense Phase Pneumatic Conveying Systems

- Distances up to 70m & capacities from 2 to 20 ton/h.
- Pressure up to 6 bar.
- Vessel capacities of 80L, 150L, 300L, 600L & 900L.
- 200/250 mm diameter inlet valve.
- Transport pipeline outlet options of 2", 3", 4", 5" & 6" diameter.
- Available in ATEX Zone 21 & 22, Carbon steel, Stainless steel 304 & 316.
- High temperature version available for materials up to 250° C such as ashes and slag.

All of the BART series are equipped with an advanced control system to manage the introduced air. All dense phase vessels are certified Australian Standards for pressure vessels.



## TPA Dense Phase Pneumatic Conveying System

### TPA Dense Phase Pneumatic Conveying System

- Distances up to and beyond 500m & capacities up to 100 ton/h.
- Pressure up to 7 bar.
- Vessel capacities from 80L to 4,428L.
- 200/250/300 mm diameter inlet valves.
- Transport pipeline outlet options of 2", 3", 4", 5", 6" & 8" diameter.
- Available in ATEX Zone 21 & 22, Carbon steel, Stainless steel 304 & 316.

The TPA is a first class solution for fragile and difficult to convey materials and includes an advanced electronic control system for conveying to many destinations. The TPA system guarantees the integrity of the materials during transport without stratification.

TPA Dense Phase Systems have three types of conveying modes depending on the required method of transport: Standard, Full Pipeline and Full pipeline continuous.



## Lean Phase (Blower) Pneumatic Conveying

### Lean Phase (Blower) Pneumatic Conveying

Filquip can design, specify and provide lean phase blower pneumatic conveying systems to move product from trucks, bulk bags, hoppers or silos to any location.

Utilising a Blower, Blow-through rotary valve, Air/dust collection venting system and hopper. Filquip can provide a complete package.



## Vacuum Systems

### Vacuum Systems

Filquip can design, specify and provide vacuum pneumatic conveying systems to move product from trucks, bulk bags, hoppers or silos to any location.

Filquip can also provide vacuum collection systems to move product from suction heads to bins or bags for simple waste removal.



## Rotary Valves

### TOREX Blow Through Rotary Valves

Filquip provides a range of blow through rotary valves to meter solids into a blower pneumatic conveying system or provide an airlock on a dust collector.

- Drop through and Blow through options in Cast iron, Stainless Steel 304 & 316, Chromed, Teflon and Nickel plated.
- Round inlet diameters of 150,200,250 & 300mm.
- Square inlet dimensions of 150,200,250 & 300mm.
- Rectangular inlet dimensions of 170x122, 238x135, 276x148, 377x196, 470x240 & 569x284mm.
- Capacities of 2, 5, 10, 20, 35 & 80 L/Rev.
- Working Temperatures from -40°C to 150°C.





## Air boosters

### Air boosters

- Reduces wear during pneumatic conveying.
- Controls conveying flow rate.
- Reduces overall pneumatic conveying air consumption.
- Maintains aeration of product in the pipeline.

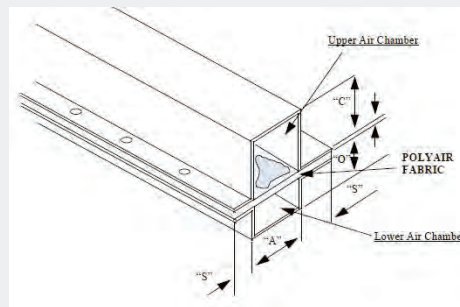
When installed along the conveying line, air boosters add the optimal amount of additional air at the optimal locations along the line. Air Boosters act like many helping hands along the pipeline to help the product move along.



## Air Slide Material

### Air Slide Material

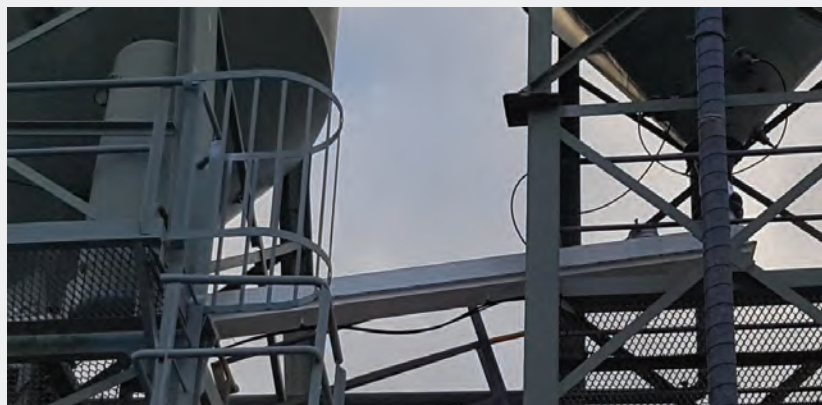
Filquip is a provider of airslide material to the bulk materials handling industry in standard roll dimensions and custom dimensions to suit your airslide.



## Air Slides

### Air Slides

Filquip is provider of new airslide systems to the bulk materials handling industry to meet the custom dimensions for your project.





# Air-Tec DEV High Pressure Oscillating Tube Diverter Valve

## AIR-TEC DEV High Pressure Oscillating Tube Diverter Valve

The Air-Tec DEV diverter valves are certified for pressure up to 6 bar.

- Available in the 2 and 3 way versions.
- Available in sizes from 2" to 6" with contact parts in carbon steel or AISI 304.
- With a robust cover that allows for both indoor and outdoor operation.

Suitable for handling materials of any size including with abrasive or fragile materials, as well as those that tend to clog.

An inflatable seal placed on the head of the oscillating tube is deflated when the tube changes its position and inflates again after the pipe has reached the desired position which is controlled by limit switches.



# Pinch Valve VM

## TOREX Pinch Valve VM

The pinch valve provides a valve seal which does not impede pneumatic conveying flow and is not as affected by the abrasive wear of pneumatic conveying.

- Available in sizes of 0.5", 0.75", 1", 1.25", 1.5", 2", 2.5", 3", 4", 5", 6" and 8" diameter.
- Industrial or Food grade versions available.

The Pinch valve is operated by introducing compressed air into the threaded bore of the valve interior, the internal flexible sleeve is shaped to hermetically seal the passage.



# Pinch Valve Control Panel

## Pinch Valve Control Panel

The pinch valve control panel allows multiple valves to be used as diverter valves for pneumatic conveying lines.

The panel operates a set of solenoid air valves that open and close the respective valves on the conveying pipeline to define the path to the required destination location.



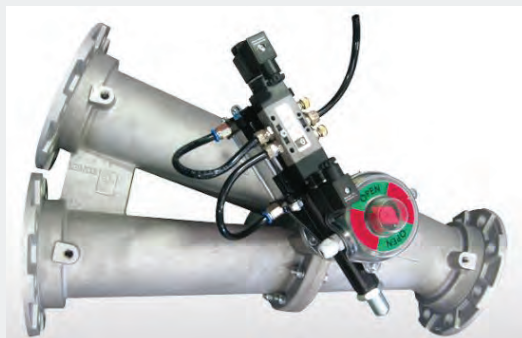
## Pipeline Flap Diverter Valve VAB

### TOREX Pipeline Flap Diverter Valve VAB

The VAB pipeline flap diverter valve uses a swinging flap of wear resistant EPDM rubber to divert pneumatically conveyed material from one source between two destinations.

- Manufactured body from aluminium alloy.
- Manual, Pneumatic or Electrical actuation options available.
- The flap is Food grade, Antistatic and Wear resistant.

The VAB Pipeline Flap Diverter Valve comes in 50mm, 65mm, 80mm, 100mm, 125mm, 150mm, and 200mm diameter sizes.



## Compact Oscillating Diverter Valve VAD

### TOREX Compact Oscillating Diverter Valve VAD

The VAD compact oscillating diverter valve moves an internal pipe between destination outlet pipes.

- Manufactured body from aluminium alloy.
- Nickel plated option for additional wear resistance.
- Manual, Pneumatic or Electrical actuation options available.

The VAD oscillating diverter valve comes in 50mm, 80mm and 100mm diameter sizes.



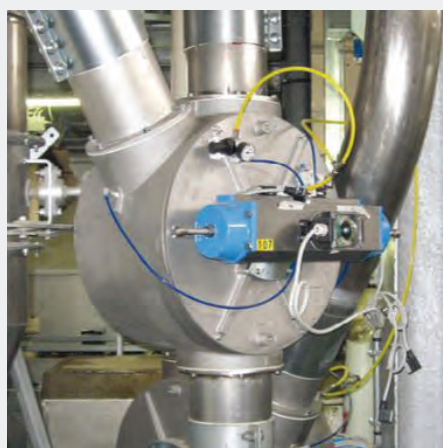
## Drum Type Diverter Valve VAR

### TOREX Drum Type Diverter Valve VAR

The VAR drum type diverter valve uses a pneumatic actuator to rotate the inner drum to meet the discharge pipeline face producing a seamless diversion of material between pipelines.

- Manufactured body from aluminium alloy or Stainless steel.
- Nickel plated and Tungsten carbide options available for additional wear resistance.
- Manual, Pneumatic or Electrical actuation options available.

The VAR drum type oscillating valve comes in 50mm, 65mm, 80mm, 100mm, 125mm, 150mm, 150mm, 175mm and 200mm diameter sizes.





## Recofil Dust Conveying System

### WAM Recofil Dust Conveying System

The Recofil pneumatic dust conveying system can be retrofitted onto dust collectors to convey the dust from the collector.

- Allows the re-use of the product dust into plant processes minimising waste.
- Can operate on the compressed air from the dust collector cleaning system
- Transports dust up to 10m at a rate of up to 60 kg/hr.



## Easyfill Dust Handling System

### Easyfill Dust Handling System

The Easyfill is a special bulk bag filling system which receives pneumatically conveyed dust from the Recofil system.

- Allows the recycling of the product dust into plant processes minimising waste.
- The equipment folds up and is easy for transport.
- Allows simple bagging of waste dusts in an easy form for disposal or re-use.



## Explosion Panels and Vents

### VIGILEX Explosion Panels and Vents

Filquip is an Australian Distributor of Vigilex Explosion Protection Panels.

- Available many rectangular, square and round sizes.
- EPDM or Silicon food grade gasket options.
- Stainless steel construction.





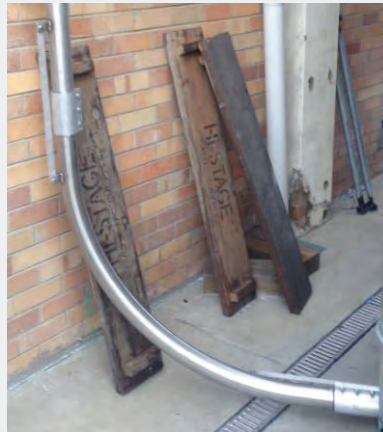
## Pipe Couplings

### EURAC Pipe Couplings

Filquip is an Australian distributor and agent of Eurac couplings for pipe and tube.

- Sizing from 38.1mm to 300mm in diameter.
- Suitable for all pneumatic and vacuum conveying operations.
- High working pressure.
- Available in Galvanised steel with Stainless Steel contact parts or in full 304 Stainless Steel.
- NBR seals supplied as standard, other options includes FDA approved food grade, Viton and Silicon seals.

Eurac clamps can also allow coupling for two tubes with different diameters.



## Wear Bends - Extrabend

### SINT Wear Bends - Extrabend

Filquip is a supplier of short radius wear bends with WAM patented geometry enabling diversion of the flow of the material at minimum wear.



## Wear Elbows - Extracurve

### SINT Wear Elbows - Extracurve

Filquip is a supplier of long radius wear bends made from patented WAM SINT engineering polymer cast around a helicoid spring core.

The symmetric nature of the wear bends allows them to be mounted in reverse when they begin to show signs of wear from abrasive materials.



## Bulk Bag Filler RBB

### EXTRAC Bulk Bag Filler RBB

The RBB Bulk Bag Filler uses a steel support frame with telescopic tubes allowing height adjustment to adapt to different bulk bag dimensions.

Available in Carbon steel, Stainless steel 304 & 316.



## Bulk Bag Unloader SBB

### EXTRAC Bulk Bag Unloader SBB

The SBB Bulk Bag unloader provides an effective solution for unloading bulk bags of product in an efficient manner.

- Available in a half frame height where a crane or forklift is utilised to lift and hold the bag during unloading.
- Available in full frame height with telescopic rails for bag loading with a forklift into the frame.
- Includes a vibrating pan plate and dust collection point to ensure fast and clean bulk bag unloading.
- Available in Carbon steel, Stainless steel 304 & 316.

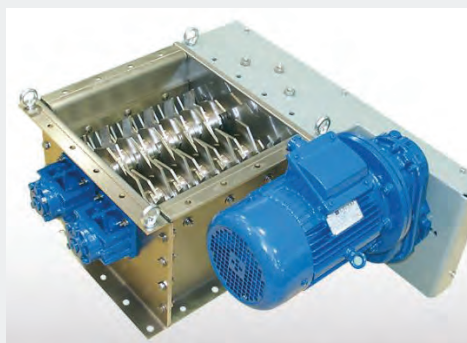


## Lump Breakers DLP

### EXTRAC Lump Breakers DLP

Filquip provides a range of lump breakers and crumblers for breaking up lumpy materials.

- Twin shaft for high throughput rates.
- Available in Carbon steel, Stainless steel 304 & 316.
- Throughputs up to 50m<sup>3</sup> / hr.

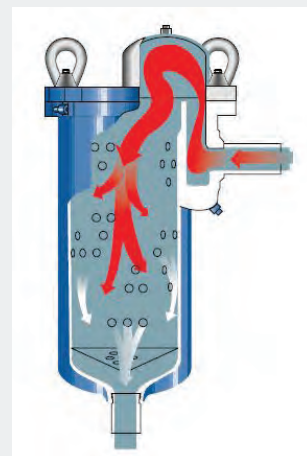


# Liquid Filters

## Liquid Filters

Filquip supplies a large range of liquid filters including needle felts, nylon strainer mesh and metal strainer mesh. P1, P2, P3 & P4 Pong filter bag types available in a Polyloc top or Steel ring configuration.

Filquip supplies liquid filtration equipment and housings in Polypropylene, Carbon steel, Stainless steel 304 & 316 as well as Titanium and Hastelloy C options.



# Chemical Dosing Microbatch Feeders MBF

## WAM Chemical Dosing Microbatch Feeders MBF

The MBF range of Micro-batch feeders provide accurate volumetric feeding of powder and granular materials.

- Stainless steel body, Agitator tool and Feeder screw.
- Available with Horizontal or Vertical spout outlets.
- Available in food-grade and ATEX zone versions.
- Throughputs of up to 6m<sup>3</sup> / hr.
- Integration with a loss in weight system or VSD can provide automated accurate batching/dosing systems.

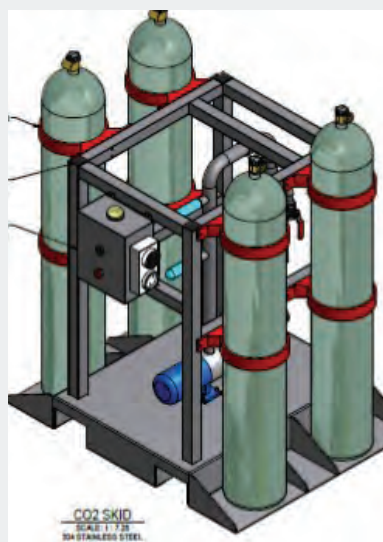


# CO2 PH Neutralisation System

## CO2 PH Neutralisation System

The CO2 PH neutralisation skid uses a sparging system to neutralise high alkali (High PH) waters contaminated with Calcium Hydroxide from cement and concrete processes.

- Neutralisation of water from up to PH 13 down to between 6.5 - 7.5.
- Allows reuse of high alkali water from the concrete batching process.
- Creates a self-buffering reaction (PH cannot drop below 6.5).
- Requires no handling of hazardous liquids.





## Band Screens & Bar Screens GV Series

### SAVI Band Screens & Bar Screens GV Series

Filquip supplies a range of Band and Bar Screens for Municipal and Industrial Waste Water Treatment of study construction capable of handling hard materials in the flow stream.

- Coarse mechanical bar screens (GVB model) are available with bar spacing from 12 to 50mm. Chain driven rakes clean the bars.
- Fine mechanical bar screens (GVF model) are available with bar spacing from 6 to 10mm. Chain driven rakes clean the bars.
- Fine perforated screens (GVS model) are available with 3 to 6 mm perforation options. Brushes and Wiper Blades clean the screen.
- Available in Galvanised steel, Stainless steel 304 or 316.
- All GV Screens are available for channel widths from 400 - 2,000mm.



## Belt Screen VFR Model

### SAVI Belt Screen VFR Model

The VFR belt screen is used for in-channel fine screening of waste water. Utilising filtering steps of perforated plate to screen solids along the belt to the top outlet of the screen.

- For channel widths from 750 to 2,250mm with 3 to 7mm perforation options.
- Available in Galvanised steel, Stainless steel 304 or 316.
- Double cleaning system of a motorised roller brush and a spray washing bar.



## Screw Screens

### SPECO Screw Screens

Filquip offers a range of Speco screw screens for in-channel, in-tank or connecting pipework applications.

- The GCP in-channel screw screen provides solids extraction from the waste water stream at a flow rate up to 270 L/S in channel sizes between 300 to 850mm.
- The GCPC pipework flow screw screen provides solids extraction from the waste water stream at a flow rate up to 270 L/S with Inlet pipe sizes between 200 – 350mm diameter.
- Available in Stainless steel 304 or 316.



## Rotating Drum Screens

### SAVI Rotating Drum Screens

Filquip offers a range of rotating drum screens including Pre-MBR screens.

- VSA fine drum screens are available for channel widths from 600 to 3,000mm with wedge wire, perforated plate or mesh media openings from 0.5 to 10mm.
- VSA Pre-MBR fine drum screens are available for channel widths from 600 to 3,000mm with perforated plate openings in 1, 1.5, 2 and 3mm sizes, with a triple face seal.
- Systems can be channel mounted or tank mounted and have optional sliding aluminium or stainless steel covers.



## Rotary Screens

### SAVI Rotary Screens

Filquip offers a range of internally and externally fed rotary screens for industrial and municipal waste water treatment.

- RTV internally fed rotary screens with media screening from 1 to 6mm.
- For connection to pipework for screening liquid flows to up 360L/s.
- SGR externally fed rotary screens with media screening from 1 to 6mm.
- Non-channel flow applications for screening liquid to up 580L/s.
- Available with and without overflow. Systems are both self-cleaning with spray nozzles.



## Step Screens VTR

### SAVI Step Screens VTR

The VTR Step screen is designed for in-channel fine screening of waste water. It consists of two sets of lamellae one moving and one fixed to step waste up the screen to the outlet.

- Available in channel widths from 560 to 1800mm wide with 3 to 6mm filter spacing.
- Available in Stainless steel 304 or 316.



## Grit Classifiers & Sand Washers CLS

### SAVI Grit Classifiers & Sand Washers CLS

The CLS series of Grit classifiers and Sand washers separate sand contained in waste water and wash it to reduce the quantity of organic particles.

- Available in 3 sizes with flow rates up to 30L/s.
- 97% Organic separation efficiency.
- Available in Stainless steel 304 or 316.



## Grit Separators

### SPECO Grit Separators

The grit separator controls the flow of the waste water to allow sedimentation of the sand and grit from the stream. The out loading screw conveyor then discharges the grit through the upper outlet.

- Flow rates up to 10L/s.
- Solids through put up to 1.29 m<sup>3</sup> / hr.
- Available in fluid dynamic model for sand separation down to 200 micron.
- Available in Stainless steel 304 or 316.



## Combined Mechanical Pre-Treatment Screening Systems

### SPECO Combined Mechanical Pre-Treatment Screening Systems

The Wastemaster series of mechanical pre-treatment systems utilise their own self-supporting tank to extract solids from the waste stream and compact these for disposal or reuse. The Wastemaster series is ideal for septage reception stations or pre-septic tank operations.

- The Wastemaster TSF1/TSB1 consists of a Screen, Solids conveying screw and Compactor and can handle flow rates up to 30 L/s.
- The Wastemaster TSF2/TSB2 consists of a Screen, Solids conveyor screw, Compactor and Sand separator and can handle flow rates up to 30L/s.
- The Wastemaster TSF3/TSB3 consists of a Screen, Solids conveyor screw, Compactor, Sand separator and Grease remover and can handle flow rates up to 30L/s.
- Available in Stainless Steel 304 or 316.





## Screw Compactor / Screenings Compactor

### SAVI Screw Compactor / Screenings Compactor

Filquip offers a range of screw compactors and screenings washer/compactors for industrial and municipal waste water treatment.

- The shafted washer compactor can reduce screenings by up to 65% of their volume at a flow rate up to 6m<sup>3</sup>/hr.
- Available in Stainless Steel 304 or 316.
- Bagger option available.

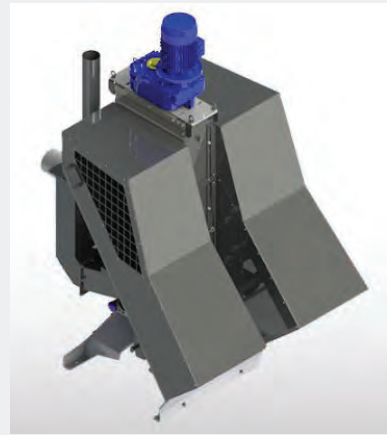


## Solids-Liquids Separators SEPCOM

### SEPCOM Solids-Liquids Separators

Filquip offers a range of Solids-Liquids Separators including the SEPCOM unit specifically designed for dewatering animal manure and biogas digestate.

- Suited to Cattle Manure, Pig Manure and Bio Digestate (Fruit, Vegetable and Slaughter Waste).
- Separates the slurry to re-useable water and solid phases, the solid phase can be used as a fertiliser.
- Separating solids from the liquid solves the problem of nitrates and phosphates entering the groundwater.
- Available in screen sizes down to 250 micron for throughput rates up to 65m<sup>3</sup> / hr.



## Microfilter MFT

### SPECO Microfilter MFT

The MFT Microfilter is designed to be integrated into a filtration system to allow filtration of the liquid phase down to a micro level.

- Available in screen sizes of 0.015, 0.025 & 0.05mm.
- Throughput capacity of 10m<sup>3</sup> / hr with fluids containing less than 10% dry material.
- SEPCOM Submersible chopper pumps and agitators are also available.



# Screw Pumps

## RONCUZZI Screw Pumps

Archimedean screw pumps provide a cost-effective solution for pumping water with constant efficiency even with changes in the flow rate.

- Can be used in contaminated water containing solids.
- Low wearing due to the slow speeds of operation.
- Flow rates up to 4,305 L/s available.



## Hydrodynamic Screws – Renewable Energy Production

### RONCUZZI Hydrodynamic Screws – Renewable Energy Production

The PAE hydrodynamic screw is designed for the production of electric energy from the moving of water.

- Power can be generated from water level drops as low as 1m in height.
- A single screw can produce up to 350 kWh of power.
- High efficiency with low environmental impact offering vast possibilities of application wherever flowing water can be utilised.

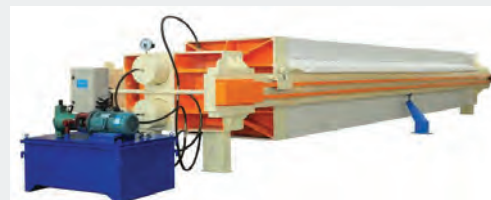


## Filter Presses

### Filter Presses

Filquip is a supplier of filter press systems including manual, semi-automatic and automatic operation models. The filter press allows solids / liquids separation of suspended fines with recovery of the dry solids product in the form of pressed cake plates.

- Pressing force up to 20 MPa to avoid leakage.
- Up to 120 m<sup>2</sup> of filter area.
- Filquip is a supplier of filter press cloths in many varieties and sizes.

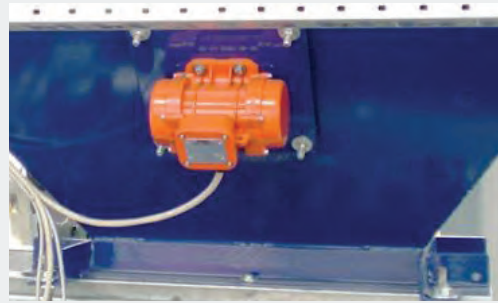


## MVE Electric Vibrator Standard Range

### OLI MVE Electric Vibrator Standard Range

The MVE standard range of electric motovibrators come in 2, 4, 6 & 8 pole versions.

- Vibratory force (Centrifugal force) output from 20Kg to 26,000Kg through a range of over 50 different model variants.
- ATEX ExII3D and ETL, Class II, Division 2 certification for application in the presence of potentially flammable dusts in hazardous environments.
- Vacuum-impregnated windings using Class F insulating materials.
- Selected models available with IEC certification.



## MVE Electric Vibrator Milling Range

### OLI MVE Electric Vibrator Milling Range

The MVE milling range of electric motovibrators come in 8 & 10 pole versions. Oli Vibrators are widely used and approved by leading OEMs from the flour milling industry worldwide.

- Vibratory force (Centrifugal force) output of 1,200Kg or 1,400Kg.
- Designed to be applied on sieving machines which represent the core of any flour mill. MVE milling vibrators come with ATEX ExII3D certification for applications in the presence of potentially flammable dusts in hazardous environments.
- Vacuum-impregnated windings using Class F insulating materials.



## MVE Electric Vibrator Explosion Proof Range

### OLI MVE Electric Vibrator Explosion Proof Range

The MVE explosion proof range of electric motovibrators come in 2, 4, 6 & 8 pole versions. They are suitable for applications requiring a higher degree of protection in hazardous environments.

- Vibratory force (Centrifugal force) output from 800Kg to 5,500Kg through a range of over 50 different model variants.
- ATEX ExII2GD and ETL Class I, Division 1 and Class II, Division 1 certification, for application in the presence of potentially flammable dusts or gases for which explosion-proof design of the motor is specified. As well as with international IECEx certification.
- Vacuum impregnated windings using Class F insulating materials.
- Suitable for application on drilling fluid recovery systems in oil and gas extraction, as well as for sand dewatering equipment in fracking operations.





## MVE Electric Vibrator Micro Range

### OLI MVE Electric Vibrator Micro Range

The MVE micro range of electric motovibrators come in single phase and three phase versions

- Vibratory force (Centrifugal force) output from 5Kg to 44Kg.
- Long life maintenance free bearings.
- Designed for continuous use.



## MVE DC Electric Vibrator Range

### OLI MVE DC Electric Vibrator Range

The MVE DC range of electric motovibrators come in 12 and 24VDC versions.

- Vibratory force (Centrifugal force) output from 20Kg to 500Kg.
- Water tight and Hermetically enclosed.
- Designed for continuous use.



## Electric Concrete Consolidation Vibrators

### OLI Electric Concrete Consolidation Vibrators

Filquip is a supplier of High Frequency Electric Vibrators for concrete consolidation.

- Vibratory Force (Centrifugal Force) output from 294Kg to 2,600Kg.
- Low speed vibrators for high density un-reactive concretes.
- High speed vibrators for low density concretes where a high surface quality is required.
- Designed for continuous use.



## S-Type Ball Pneumatic Vibrators

### OLI S-Type Ball Pneumatic Vibrators

The S-Type pneumatic ball vibrator generates a low amplitude high frequency vibratory force and are particularly efficient with fine powders and granular materials. They are available in 8 sizes.

- Vibratory force (Centrifugal force) output from 15Kg to 405Kg.
- Vibration frequency adjusted by air pressure, 2 – 6 Bar.
- Maintenance free design, Comes with silencer and air nipple.
- Compliant with ATEX EX II 2DG cT(x), suitable in explosive environments.



## OR-Type Roller Pneumatic Vibrators

### OLI OR-Type Roller Pneumatic Vibrators

The OR-Type pneumatic roller vibrator generates a high frequency vibratory force with low air consumption and are particularly efficient in compaction and separation. They are available in 4 sizes.

- Vibratory force (Centrifugal force) output from 188Kg to 783Kg.
- Vibration frequency adjusted by air pressure, 2 – 6 Bar.
- Maintenance free design, Comes with silencer and air nipple.
- Compliant with ATEX EX II 2DG cT(x), suitable in explosive environments.

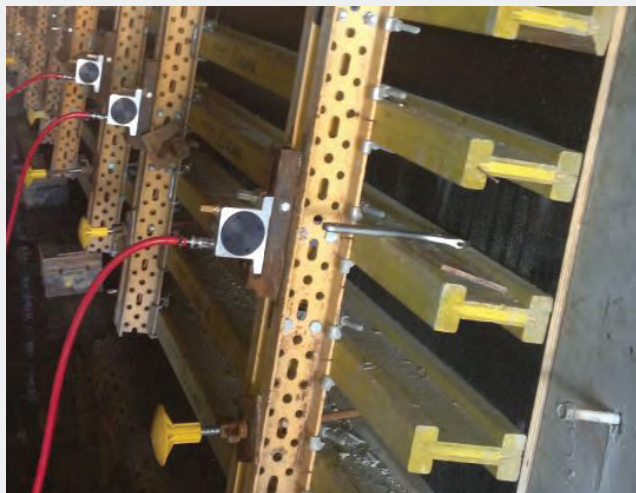


## OT-Type Turbine Pneumatic Vibrators

### OLI OT-Type Turbine Pneumatic Vibrators

The OT-Type pneumatic turbine vibrator generates a high frequency vibratory force at a high frequency and amplitude even with low air operating pressure. They are available in 12 sizes.

- Vibratory force (Centrifugal force) output from 110Kg to 754Kg.
- Vibration frequency adjusted by air pressure, 2 – 6 Bar.
- Maintenance free design, Comes with silencer and air nipple.
- Compliant with ATEX EX II 2DG cT(x), suitable in explosive environments.
- Quiet hum in operation.



## F-Type Pneumatic Cushioned Linear Piston Vibrators

### OLI F-Type Pneumatic Cushioned Linear Piston Vibrators

The F-Type pneumatic piston vibrator generates vibratory movement with wide amplitude oscillations and are particularly efficient in screening and conveying. They are available in 5 sizes.

- Vibratory force output from 1Kg to 215Kg.
- Vibration frequency adjusted by air pressure, 2 – 6 Bar.
- Maintenance free design, Comes with silencer and air nipple.
- Compliant with ATEX EX II 2DG cT(x), suitable in explosive environments.



## K-Type Linear Internal Piston Pneumatic Vibrators

### OLI K-Type Linear Internal Piston Pneumatic Vibrators

The K-Type linear piston pneumatic vibrator is light and compact while producing directional vibrations. They are particularly efficient in compacting and detaching solids. They are available in 5 sizes.

- Vibratory force (Centrifugal force) output from 2.8Kg to 141Kg.
- Vibration frequency adjusted by air pressure, 2 – 6 Bar.
- Maintenance free design, Comes with silencer and air nipple.
- Compliant with ATEX EX II 2DG cT(x), suitable in explosive environments. Suitable for operating temperatures up to 200°C.



## P-Type Pneumatic Impact Vibrators

### OLI P-Type Pneumatic Impact Vibrators

The P-Type Linear Piston Pneumatic Vibrator is able to generate extremely high impact forces and are particularly efficient at breaking crusts, bridges or rat holes on silos, hopper and pipes. They are available in 3 sizes.

- Vibratory Force (Centrifugal Force) output from 294N to 3,250N.
- Vibration frequency adjusted by air pressure, 2 – 6 Bar.
- Compliant with ATEX EX II 2DG cT(x), suitable in explosive environments. Suitable for operating temperatures up to 200°C.





## Martshock PS Electro-Pneumatic Hammers

### OLI Martshock PS Electro-Pneumatic Hammers

Martshock PS Electro-Pneumatic Hammers deliver a "hammer strike" type impact to impart mechanical energy to the walls of a silo, cone, hopper or truck body to dislodge the product. They are available in 3 sizes.

- Imparts an impact energy of 4.2 to 153J.
- Can be retrofitted without drilling the wall or emptying the bin.
- Timer cards are available for hammer control. Electric, Pneumatic or Remote control available.



## Picjet PJ Electro-Pneumatic Hammer Blasts

### OLI Picjet PJ Electro-Pneumatic Hammer Blasts

Picjet PJ Electro-Pneumatic Hammers deliver a "hammer strike" type impact and compressed air jet to the walls of a silo, cone, hopper or truck body to dislodge the product. They are available in 3 sizes.

- Imparts an impact energy of 4.2 to 153J.
- Suitable for products that bridge and/or are hygroscopic.
- Timer cards are available for hammer control. Electric, pneumatic or Remote control available.



## Gunjet PG Air Cannons

### OLI Gunjet PG Air Cannons

Gunjet PG Air Cannons deliver a blast of air to the walls of a silo, cone, hopper or truck body to dislodge the product and can be suitable for rectangular bins or operations where hammering and vibration is unsuitable. They are available in 3 sizes.

- Imparts an impact energy of 3 to 153J.
- Can be retrofitted without drilling the wall or emptying the bin.
- Timer cards are available for air blast control. Electric, Pneumatic or Remote control available.

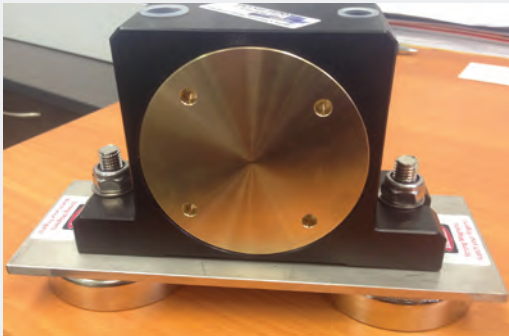


# MagBase MK2

## FILQUIP MagBase MK2

The Filquip MagBase MK2 allows the user to apply vibration from an OR100, OT36S, OT36, OT30, S36 or S30 Pneumatic Vibrator to any ferromagnetic metal (Iron, Steel, Cobalt, Nickel).

- Strong rare earth magnets hold the vibrator to the wall of the bin, hopper, silo or frame.
- Great for testing the optimal position to mount a vibrator before permanent installation.
- Ideal for moving around concrete moulds as they are easily detachable.



# Vibrator Clamps and Cradles

## OLI Vibrator Clamps and Cradles

Vibrator clamps and cradles are ideal for positioning vibrators on formwork in permanent locations while still being able to detach the vibrator and move it between forms, saving costs on vibrators.

- CLW series as a clamp for wooden form works.
- CLS series as a clamp for steel form works.
- CRS series as a weld-on cradle for steel concrete moulds.



# Vibrator Mount Plates and Channel

## FILQUIP Vibrator Mount Plates and Channel

Filquip has a range of vibrator mounting channels and plates with pre-set studs to suit a range of Oli vibrators.



## Vibrating Aerators VBS

### OLI Vibrating Aerators VBS

Vibrating aerators with their special design provide direction air flow to improve product flow by cutting material away from the walls of the silo, hopper or bin and pushing it to the desired outlet.

- Available in micro size: Working pressure from 0.8 – 2 bar.
- Available in standard size: Working pressure from 0.8 – 6 bar.
- Available in Aluminium, Stainless steel, High temperature and Metal detectable versions.



## Fluidisation Nozzles U0

### OLI Fluidisation Nozzles U-Series

Fluidisation nozzles provide fluidising air to silos and bins where the inside of the container cannot be accessed.

- Available in U025 Size with air fluidisation of 0.05m<sup>3</sup>/h at 0.2 Bar pressure.
- Available in U060 Size with air fluidisation of 1.8m<sup>3</sup>/h at 1 bar pressure.



## Pneumatic Concrete Consolidation Vibrators HFP

### OLI Pneumatic Concrete Consolidation Vibrators HFP

Filquip is a supplier of high speed pneumatic vibrators for concrete consolidation.

- Vibratory force (Centrifugal force) output from 720Kg to 6,118Kg.
- Low frequency vibration for large aggregate concrete.
- High frequency vibration for concrete with fine granules.
- No electrical components, only air required.





## Hydraulic Vibrators

### OLI Hydraulic Vibrators

The MVO850 Hydraulic rotary vibrator generates very low amplitude high frequency vibration where a hydraulic circuit is available.

- Designed for dump trucks, side tippers and all hydraulic industrial plant.
- The vibratory force is adjustable relative to the working fluid pressure.
- Vibratory force (Centrifugal force) up to 830Kg.



## Concrete Pokers & Converters

### OLI Concrete Pokers & Converters

Filquip supplies a range of high frequency concrete pokers and converters. The VN range is the standard line and the VNP range is a professional line.

- Both ranges come with 5m protection hose, 10m electric cable and ABS hand switch.
- Available in electronic high frequency vibrator EVO models.
- High frequency vibrator converters available in Single outlet – single phase, Dual outlet – single or three phase and Three outlet – three phase.



## Visam Vibrators

### Visam Vibrators

Filquip is a supplier of Visam Vibrators and holds a range of stock in Australia.



# a selection of the materials handled

Air-Tec system's dense phase pneumatic conveying systems are able to handle a wide variety of materials with particle size from 0.1 $\mu$  up to 3cm.



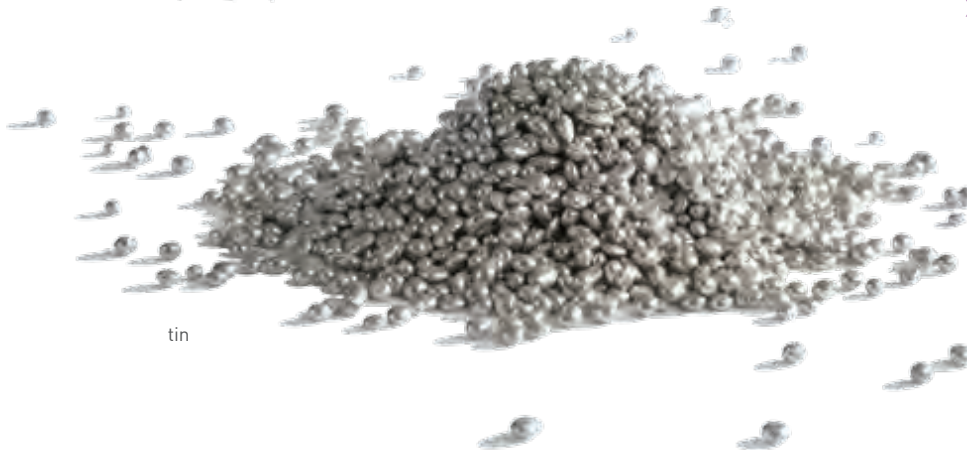
alumina



dry blend



fiberglass



tin



dehydrating

- Acrylamide
- Acrylic modifier
- Active carbon
- Adipic acid
- Alumina
- Aluminium fluoride
- Aluminium nitride
- Aluminium silicate
- Ascorbic acid
- Atomized aluminium powder
- Barium and strontium sulfate
- Barium sulfate
- Barley malt
- Base granules detergent
- Bed ash
- Bentonite
- Bicarbonate
- Biscuit mix
- Black sand
- Blended glass batch
- Bone meals
- Borax
- Boric acid
- Bran flakes
- Bread crumbs
- Burnt sand
- Cake mix
- Calcium carbonate
- Calcium fluoride
- Calcium oxide
- Calcium phosphate
- Calcium silicate
- Calcium stearate
- Calcium sulfate
- Calcium carbide
- Carbon black
- Carbon Mix
- Carnalite
- Catalyst
- Celite
- Cellulose
- Cement
- Cement blend
- Ceramic
- Ceramic dust
- Cereals
- Chamomile
- Charred wood
- Chewing gum base
- Chicken seasoning
- China clay
- Chromic acid
- Citric acid
- Clay
- Clay calcined
- Clay tile
- Coal
- Coal dust
- Coal slag
- Cobalt oxide
- Cocoa
- Coffee beans
- Coke
- Copper matte
- Copper Powder
- Corn
- Corn Gluten Meal
- Corn Grits
- Couscous
- Crispy rice
- Crushed rock
- Cryolite dust
- Desiccated coconut
- Dextrose
- Diatomaceous earth
- Disodium phosphate
- Dolomite
- Dried Anthracite
- Dried peas
- Dried sludge
- Dry ash
- Dry Soap
- Epoxy resin
- Ethylene vinyl acetate
- Feldspar
- Ferrite
- Fiberglass
- Fly ash
- Foundry dust
- Freeze dried coffee
- Frit

- Fructose
- Fumed silica
- Glass batch
- Glass beads
- Granola
- Graphite
- Green oats
- Groats
- Gypsum
- Hydrated alumina
- Hydroquinone
- Ilmenite
- Iron oxide
- Iron powder
- Lactose
- Lignite
- Lime
- Limestone
- Magnesite
- Magnesium chloride
- Magnesium oxide
- Maltodextrin
- Manganese dioxide
- Marble chips
- Medicinal herbs
- Melamine powder
- Metal powder
- Mica
- Milk powder
- Milled zircon
- Mineral black
- Mixed sand and soda ash
- Molybdenum oxide
- Monoammonium phosphate
- Mortar mix
- Mush
- Nickel carbonate
- Nickel granules
- Nickel oxide
- Nickel sulfate
- Nylon pellets
- Oat flakes
- Olivine sand
- Paper pulp
- Parmesan cheese
- Peanuts
- Perlite
- Pet food
- Pharmaceutical gelatin
- Phenolic resin
- Phosphoric anhydride
- Pink Beans
- Plastic caps
- Plastic Pellet
- Plastic resin pellet
- Polyester
- Polyethylene
- Polyethylene glycol
- Polypropylene
- Polystyrene
- Polyvinyl chloride
- Popcorns
- Potash
- Potassium carbonate
- Potassium sulfate
- Potato flakes
- Potato flour
- Prilled ferrous sulfate
- Pvc compounds
- Pvc powder
- Pvc resin
- Pyrite concentrate
- Reclaimed sand
- Red lead
- Refractory batch
- Resin
- Resin copolymer
- Resin-coated sands
- Rice grains
- Rock dust
- Rye flour
- Saccharin sodium
- Salt crystals
- Sand
- Scrap glass
- Silica
- Silica flour
- Silica sand
- Silicates
- Silicon carbide
- Silicon dioxide
- Silicon powder
- Soda ash
- Sodium carbonate peroxide
- Sodium chlorate
- Sodium citrate
- Sodium fluoride
- Sodium nitrate
- Sodium perborate
- Sodium percarbonate
- Sodium polyacrylate
- Sodium stearate
- Sodium sulfate
- Sodium triphosphate
- Soy protein powder
- Soybean meal
- Spodumene
- Starch
- Sugar
- Superabsorbent polymer
- Talc
- Tea
- Tile dust
- Titanium dioxide
- Titanium slag
- Tobacco
- Trisodium phosphate powder
- Urea
- Vermiculite
- Vinyl resin
- Vinyl tile chips
- Wheat flour
- Wollastonite
- Zeolite
- Zinc oxide
- Zinc powder
- Zinc stearate
- Zirconium
- Zirconium carbonate



phenolic resin



pet food



roasted coffee beans





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Phone: +61 7 3208 3499  
Fax: +61 7 3208 3449  
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5/126 Compton Road  
Underwood QLD 4119

PO Box 3043 Logan DC  
QLD 4114 Australia

