

FILTRATION PRODUCTS

- **Filter Press**
- **Pressure Leaf Filter (Niagra Filter)**
- **Bag Filter & Pulse Tube Filter**

We are Specialist in process equipment Supply



Company History-Filters

Vivergy has been manufacturing Filters since January 2004. The company was founded by the current Directors Kannika Thananun and Anthony Comerford. Since 2004 Vivergy has produced a number of Filter presses, Pressure Leaf Filters, Bag Filters and Pulse tube filters. In 2004 Vivergy became a licensed manufacturer for PACT International Australia. Vivergy works closely with PACT Australia for technology transfer. Over the years, Vivergy provided filtration machinery and the expertise for the successful application of the machinery.

Filter Press



PACT Filter Presses are designed for the following processes:

- Sterene/Olein Separation of Palm Oil and other vegetable Oils (winterization of vegetable and animal oils)
- Metallic Sludge De-Watering
- Biological Sludge De-Watering, including anaerobic and aerobic digested sludge de-watering
- Tapioca Starch dehydration
- Rice Starch Dehydration.

Contact : Vivergy Co., Ltd.

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Pressure Leaf Filters



Standard features

VIVERGY's designs and manufactures various pressure leaf filters. Our most popular range is the vertical pressure leaf filter, sometimes call Niagara filters. The most use of these filters are for bleaching of vegetable oil. However, Vivergy's Pressure leaf Filters can be used in application that are high in temperature and abrasiveness.

Applications

Food	Bleaching of Edible Oil, Sugar Starch Filtration Activate Carbon
Chemicals / Plastics	Resin Filtration, Activated Silica Filtration, Catalyst Filtration
Building Material	Pigments, Industrial Fibers, Abrasives, Gypsum

Special Options

Vibrator for quick cake release.	The PACT Vibration unit is equipped with variable high frequency oscillator. The stroke of oscillation is also variable.
Control Systems	For pump feeding and valve control PACT can offer a comprehensive control system to suit most applications.
Vessel Construction Standard	Vessel Construction Standard
Mesh Materials	SUS304, SUS316L and SUS316S
Vessel Materials	Carbon Steel, SUS 304 or SUS 316

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Bag Filters and Pulse Tube Filters

Standard features

- Easy access with eye bolts and attached opening tool
- Vessels Designed and built according to ASME Code.
- Precision machined to ensure no leak
- Inlet and outlet nozzles strategically located to avoid excess pressure drops and cake disturbances due to flow.



Applications

Food	Polishing Bleached Edible Oil, Sugar Starch Filtration, Activate Carbon
Chemicals/Plastics	Resin Filtration, Activated Silica Filtration, Catalyst Filtration
Building Material	Pigments, Industrial Fibers, Abrasives, Gypsum

Special Options

Connection Flanges	Single Bag Filters, Double Bag Filters. Multi Bag Filters
Indicators	Flow Meters, Pressure Drop Meters
Material	SUS304, SUS316L and Carbon Steel
Heating	Steam Jacketed, Internal Coil
Special feature	Side or Top Entry models in accordance to the application.

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