COMPANY PROFILE

Innovative Filtration Solutions
Consultants & Equipment Suppliers

www.ifs-consultants.com.au +61 (0)8 6555 1807

CAPABILITY STATEMENT

Innovative Filtration Solutions Pty Ltd (IFS) is an Australian owned company, headquartered in Western Australia, with a wholly owned subsidiary in New Zealand (IFS – Consultants (NZ) Limited) and is a Joint Venture Partner of IEA Press ASIA.

We specialise in **advanced industrial filtration** and **mechanical solid-liquid separation**. Our core business is centred on delivering technically robust, commercially viable, and low-risk solutions for water and wastewater utilities, industrial trade waste facilities and the mining sector.

Our experts bring deep holistic knowledge and proven experience across:

- Concept development, through to detailed design.
- Piloting, optimisation, and new process development for emerging technologies.
- Equipment specification, turnkey supply and plant integration.
- Manufacture of modular, containerised or trailer-mounted treatment solutions.

IFS engineers **Screw Press and Filter Press Systems**. What differentiates us is our ability to **select, configure and offer correct technologies** for each unique process.
We do not simply supply equipment only.

We think long-term, we lead industry, and we stand behind every result – offering technical support that lasts for the life of your process.

APPLICATION FIELDS

Our technologies are most commonly applied in these industries:

Mining + Processing

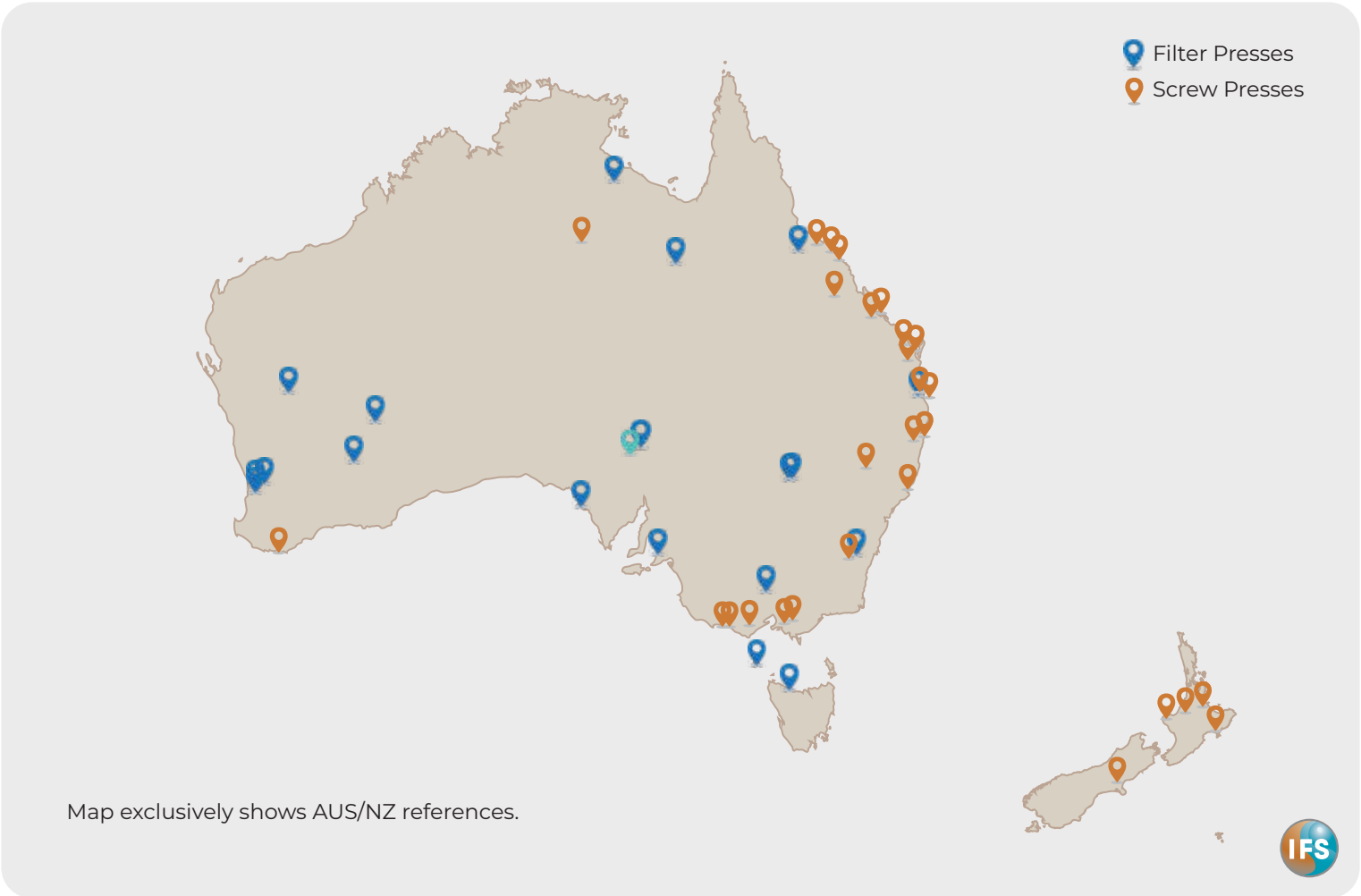
Food + Beverage

Industrial Waste

Water Treatment

Wastewater

IFS Products are implemented extensively across water and wastewater treatment facilities, and major resource sector operators throughout Australia, New Zealand and abroad.



FILTRATION SOLUTIONS

Our Screw Presses and Filter Presses are recognised in the market for efficient dewatering performance, low operational cost and reliability in harsh water, wastewater and mining environments.

SCREW PRESSES

IFS specialise in the Screw Press technology and offer the largest range of Screw Presses; most common applications include:

- Industrial Wastewater Treatment
- Municipal Water & Wastewater Treatment
- Tailings Dewatering

Our Screw Presses are also available in mobile, containerised systems.

FILTER PRESSES

At IFS, we design Small (470mm×470mm) to Medium (2000mm×2000mm) size:

- Fully Automatic Filter Presses
- Conventional Filter Presses

Our Filter Presses are commonly applied in:

- Mining Concentrate Filtration
- Industrial Processing
- Tailings Dewatering

Screw Press Model: SP-HF 13

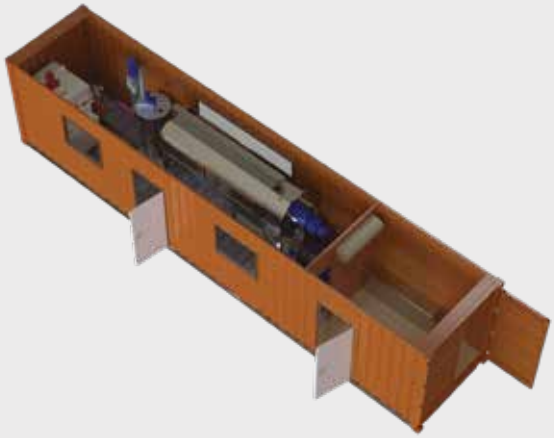
Filter Press Model: MR-2000

SELECTED PRODUCT SHOWCASE

Feasibility & Filtration Test

Our services span concept development, pilot validation, detailed design, manufacture, factory acceptance testing & in-depth test reports, installation, commissioning, ongoing operations support and optimisation.

We do not just “sell & go”. We ensure customer support before, during, and after every sale.



Containerised Systems

We excel in **compact, plug-and-play dewatering systems** for mining and wastewater applications. Our containerised systems include a local control system and a fully-fitted process area with dewatering equipment plus ancillaries. With simple external connections, our products are ready to operate on delivery.

Polymer Preparation

IFS always ensures that our **products meet the needs of our clients**. That’s why we:

- Customise Filter & Screw Presses.
- Offer Ancillary Equipment like Polymer Preparation Stations, Drum Thickeners and various OEM Filter Press Spare Parts (e.g. Filter Plates and Filter Cloth).
- Ensure reliable & convenient product maintenance and after-sale services.

KEY REFERENCES

FRASER COAST REGIONAL COUNCIL – DEWATERING UPGRADE (PULGUL & ELI CREEK STPS)

IFS delivered the replacement of legacy belt presses with modern Screw Press technology at Pulgul and Eli Creek STPs to increase capacity and renew critical dewatering assets. Due to severe spatial constraints, IFS engineered an alternative to conveyors — implementing a Filter Cake Pump System for solids transfer. This approach, rarely used outside Europe, represents the first deployment of this technology in South East Queensland, and delivered a safer, more compact and low-maintenance solution with improved process performance.

MIDCOAST COUNCIL – HALLIDAYS POINT SEWAGE TREATMENT PLANT

IFS supplied a portable, containerised Screw Press System for Hallidays Point STP, enabling flexible deployment across MidCoast Council's extensive water and wastewater network. The solution provides a fully integrated, relocatable dewatering unit that minimises site works, simplifies mobilisation and supports consistent sludge processing at multiple locations.

SEDGMAN – QUEENSLAND RESOURCE FACILITY – 6 FILTER PRESSES

IFS supplied six Filter Presses to the Queensland Resource Facility designed by Sedgman. The provided solution delivers flexible solid-liquid separation equipment for processing various types of unique materials.

PERTH MINT – PRECIOUS METALS – 6 FILTER PRESSES

IFS supplied six 470-series Filter Presses upgrading critical precious metals processing duties at Perth Mint. Filter Press selection and configuration were designed to meet specific customer requirements.

HEAD OFFICE PERTH
+61 (0)8 6555 1807

QUEENSLAND OFFICE
+61 (0)7 3188 5113

VICTORIA OFFICE
+61 (0)3 9988 2048

NEW ZEALAND OFFICE
+64 (0)9 974 4802

IEA PRESS ASIA CO. LTD.
asia@iea-press.com

IEA PRESS EUROPE NETWORK
www.iea-press.com

See how **we support your entire process** and discover the right solution for your plant:

ifs-consultants.com.au