

STETFIELD SEPARATORS COMPANY PROFILE

Stetfield Separators Limited was formed on 1st October 2004 following a management buy-out of the Industrial Division of Hodge Separators Ltd. Martin Wheeley (formerly General Manager) and Fred Deakin (formerly Project Manager) each own 50% of the shareholding of Stetfield Separators Ltd. We design, sell and assemble all our equipment from our 5,000ft³ workshop in Penryn using local fabricators in the South-West to manufacture against our designs.

Stetfield Separators specialise in the design, manufacture, installation and commissioning of enhanced gravity separators, membrane and separation systems, and allied effluent treatment plant. Applications include surface water run-off at power stations, airports, rail depots etc. and the treatment of industrial wastewater produced by the metals, food, chemical, petrol/oil, marine, plating and general manufacturing and process industries. Many of our applications involve separation of oil from water, or other immiscible liquids, but we cover a variety of liquid waste streams including sewage and WTW.

Around 40% of our business is for export and we are looking for greater penetration in the North African, Middle East and Far East markets having already undertaken a number of projects including Taiwan, Thailand, UAE, Qatar, Oman, Iraq, Egypt, Tunisia, Ghana, Russia and Siberia. Our Stetpack range of units are manufactured/marked for the Indian market under license, by Krofta Engineering. Our equipment range:

- **Corrugated and Tilted Plate Separators**

Stetpack tilted or corrugated plate interceptors offer enhanced gravity separation of immiscible liquids via inclined parallel plates and coalescing media. Self-contained above-ground units, in-ground parts kits and multistage units.

- **In-Ground Tilted Plate Separators**

We offer a full design package for in-ground units using concrete sumps and a kit of parts for larger capacity units, using the same technology as our *Stetpack* units. We design and manufacture all the internal components for these systems and also offer a full refurbishment/replacement service for old in-ground units that have fallen into disrepair.

- **Lamella Settlers**

Stetmella lamella settlers for solids settling and thickening via inclined parallel plates and bottom sludge-cones in sizes up to 100m³/h.

- **Dissolved Air Flotation Plant**

Stetfloat DAF system are used for the removal of free and emulsified oils and fats, reduction of COD and TSS, and clarification in sizes up to 100m³/h.

- **Ultrafiltration**

A range of membrane systems for treatment of soluble/emulsified oil and other emulsified waste streams

- **Oil Skimmers**

A range of floating skimmers for skimming surface oils from tanks/sumps

- **Evaporators**

A range of small evaporators for disposal of industrial wastes on a batch basis.

- **Other equipment/systems include**

Oil-Water Monitors, Paper-Band Filters, Media.

Capacities

Standard products have capacities from 1m³/h to 100m³/h. Purpose built units are manufactured for flows up to 1000m³/h or greater. All units can be adapted to meet specific site constraints or customer requirements.

Technical support

Site surveys, project management, full system design, plant upgrade and refurbishment, equipment servicing and maintenance contracts, and installation and commissioning services are undertaken world-wide.

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