



# POWER PLANT WASTE PROCESSING

Providing you High quality parts and expert service since 1991



# FLUE GAS DESULPHURIZATION

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**Compositech Products Manufacturing has the filters you need to remove impurities from liquids in the power generation process.**

We manufacture equipment for Flue Gas Desulphurization (FGD)-both Horizontal Belt Filters and Rotary Drum Filters.

Power plants using coal and oil as fuel generally require a scrubbing system for the exhaust fumes, or flue gas, which contains sulfur. A lime slurry is used to neutralize the sulfuric acid which results in gypsum. Compositech's line of vacuum filters and rotary drum vacuum filters are used in the Flue Gas Desulphurization (FGD) industry to reclaim wastewater and produce a marketable end-product.

***It is our mission to continually develop improved products and to provide parts and installation in a timely and cost-effective manner with a service standard unequaled in the filtration industry.***



## Horizontal Belt Filter

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Compositech's Horizontal Belt Filters (HBF) are the most efficient choice for FGD applications. Our filters are designed for easy maintenance as the non-drive side of the frame is designed for easy removal of the drainage belt, pulleys and support decks without complete disassembly of the filter.

### **YOUR BENEFITS:**

- Slurry doesn't settle to the bottom of a vat or build up in tanks and agitator assemblies
- Lower in Maintenance and turn around expense
- Achieves up to 90% solids in content in the cake and 100 ppm of Chloride
- Cake may be washed two or three times on the filter through countercurrent system

***We manufacture and stock Compositech spare parts for: Ahlstrom, Alar, Ametek, Andritz, Ashbrook Simon-Hartley, Dorr-Oliver, Eimco Filters Vernay, Komline-Sanderson, Peterson, Westech and most other brands of filters.***



**Compositech** Horizontal Belt Filter

## Compositech's **4M 100 T-Rex**

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**For high efficiency requirements, Compositech's horizontal belt filter provides the best performance as we manufacture the largest, most effective horizontal belt filters in the industry.**

Our T-REX Horizontal Belt Filter is the largest filter of its kind. This 4-meter wide unit is modular and can be configured to meet large use requirements. The T-Rex is assembled in twelve, 2.5-meter long sections and totals 100 sq. meters of filtration area. It is the biggest and most productive model made and is capable of processing over 120-tons of slurry per hour.

**Versatile, this machine lends itself to any size for your operation; its component design is practical and cost-effective to ship anywhere.**



**“Capable of processing over 120-tons of slurry per hour.”**

## **Rotary Vacuum Drum**

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**Compositech's rotary drum filter design provides reliable liquid/solid separation with minimum operator attention and maintenance requirements even in heavy duty, 24-hour continuous operation.**

Drum Filters are the optimal alternative when multiple cake washings are not required. Our vacuum drum filter is available in various stainless steel materials and a wide range of sizes.

### **YOUR BENEFITS:**

- **Drums are adaptable to a wide range of conditions such as highly corrosive ones**
- **Easily accesible process area in open design**
- **Highest solids throughput rates**
- **High rotation speed**
- **Ease of operation**

***Our equipment can be made to customer specification using thermoplastic materials at a substantially lower cost than those made of exotic metals.***



**Compositech Drum Filter**





# Contact Us



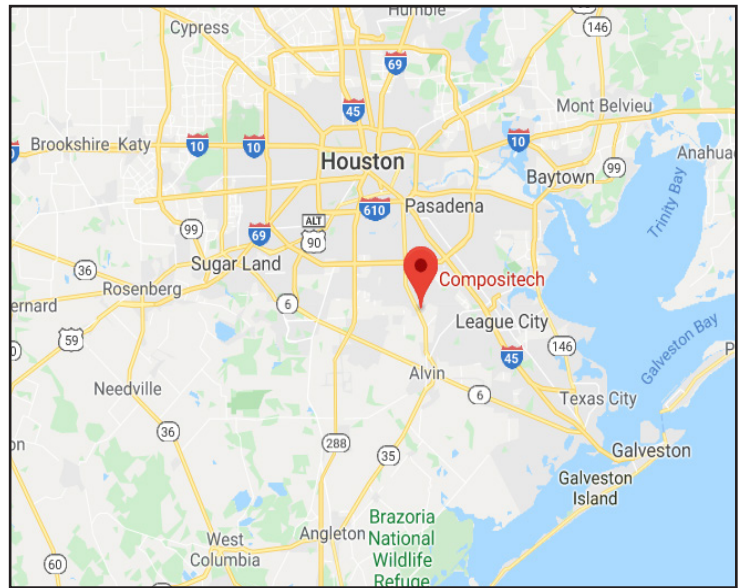
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