

## Komline-Sanderson Corporate Profile

Since its incorporation in 1946, Komline-Sanderson Corporation has provided the highest quality equipment for applications including process/production filtration, drying, wastewater treatment, sludge processing, and air pollution control. The company and its subsidiaries supply equipment to a diverse group of customers around the world including the municipal wastewater and electric power utilities, and a broad range of industrial clients.

Corporate headquarters are located at 12 Holland Avenue, Peapack, New Jersey 07977, USA.

### BUSINESSES

#### **Biosolids, Sludge, and By-Products Drying**

Komline-Sanderson's Thermal Products Group supplies drying equipment and systems for municipalities and industrial clients.

#### **Thermal Processing: Drying, Heating, and Cooling**

The company's line of indirect dryers/processors is used extensively by many chemical, food, pharmaceutical, and metallurgical industries. Applications include drying, heating, cooling, reacting, melting, tempering, solvent stripping, crystallizing, sterilizing, calcining, roasting, and cooking. These processes are applied to pastes, cakes, granules, or powders.

#### **Wastewater Treatment Products**

Komline-Sanderson's Wastewater Treatment Products Group provides quality wastewater treatment and sludge processing equipment and systems for water and wastewater treatment plants.

Municipal wastewater treatment systems primarily involve the separation of biosolids from wastewater.

Since the mid-1950's Komline-Sanderson has also offered a quality line of plunger-type pumps to facilitate the transfer of sludge through various stages of the waste treatment system, feed belt filter presses, and pump thickened sludge.

To determine the equipment best suited to the particular conditions of each application, the company offers laboratory and on-site pilot testing services.

#### **Process Filtration Products**

Komline-Sanderson provides a superior line of specialty filtration equipment for a variety of applications in chemicals, food, pharmaceutical, and other industrial processes. The manufacturing operations of numerous industries use this equipment, which includes rotary drum filters, horizontal vacuum filters, and specialized system controls and instrumentation.



**Komline-Sanderson**

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Komline-Sanderson designs and manufactures filtration equipment to separate valuable liquids and solids from process slurries. The liquid and solid products of this separation can either be subjected to further manufacturing processes or dried and packaged as marketable items. Komline-Sanderson's filtration equipment is applied extensively to the food processing and pharmaceutical industries. Within the food industry, the company's filtration systems are used extensively in corn processing: producing corn syrup, sugars, starch, and gluten feed meal. Pharmaceutical applications include the primary separation of liquids and solids from fermentation broths. Products from this process are used as the base for pharmaceutical drugs.

### **Rotary Atomizers**

Komline-Sanderson is a leading supplier of rotary atomizers, with installations in North America, South America, Europe, and Asia. These atomizers are used for Flue Gas Treatment at electric power plants and municipal waste incinerators, and spray drying applications. The key component in the system is a direct drive high speed motor using state of the art frequency inverter technology.

### **Filter Fabrics**

Modern industry annually demands large quantities of replacement filter media. Komline-Sanderson's Filter Fabrics Group supplies this market, providing replacement media for a variety of filters and belt presses.

## **OPERATIONS**

Komline-Sanderson operates its businesses out of the company's corporate headquarters in Peapack, New Jersey USA and through subsidiaries, affiliates, and agents worldwide.

The company markets its products in Europe through Komline-Sanderson Ltd, a wholly-owned subsidiary with offices in Halstead, Essex, England.

## **CORPORATE RESOURCES**

### **Manufacturing Capabilities**

Komline-Sanderson maintains its own integrated manufacturing facilities in Peapack, New Jersey, USA, with over 85,000 square feet (7,900 square meters) of shop area housing a wide array of machinery and automated equipment for metal preparation, forming, machining, fabrication (ASME and PED code certified for welding pressure vessels), finishing, and mechanical assembly. The facility also houses an electrical shop for the manufacture and assembly of instrumentation panels and motor control centers. The company's Filter Fabrics operation is located in Sparta, NJ. In addition to its own manufacturing facilities, Komline-Sanderson utilizes company-certified fabricators for the manufacture of K-S components and equipment worldwide.

### **Laboratories and Pilot Test Facilities**

Komline-Sanderson's Technical Center is located in Peapack, New Jersey. The 8,400 square foot (780 square meters) facility is equipped to run both bench and pilot scale liquid / solids separation and thermal processing tests to demonstrate the performance of K-S products and develop process design criteria for scaling up to commercial plants. The Technical Center is also used to support the Company's research and development programs. In addition to on-site testing, Komline-Sanderson maintains rental equipment which is available for testing and small production runs at the customer's facility.