

# PULP AND PAPER FILTRATION

Providing you quality parts and expert service since 1991



**Compositech**  
Filters  
Customer Service, Superior Parts, Reliability

## Paper and Pulp

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**Delivering cost-effective paper and pulp management solutions globally and locally.**

Compositech is the industry standard—Providing technologies to maximize usable end-product production while maintaining high standards in compliance with governmental regulations.

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**Compositech manufactures industrial filtration equipment for Paper and Pulp industry including Rotary Vacuum Disc filters, Belt Press filters, and Gravity tables. In addition to manufacturing our own industrial paper and pulp filtration equipment, we are also able to provide replacement parts for other brands of disc filters, belt press filters and gravity tables.**

*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.*



# Rotary Vacuum Disc Filter

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Paper & Pulp Manufacturers use rotary vacuum disc filters as savealls and stock thickeners. These versatile machines are reliable and provide continuous liquid/solid separation. Generally consisting of a series of discs made up of individual disc sectors/segments covered in woven filtration media mounted along a horizontal centershaft, disc filters are able to process large volumes of abrasive materials but do require regularly scheduled maintenance due to the nature of the process.

## **Your partner in this process, Compositech stocks:**

- Sectors/segments
- Replacement covers in polypropylene, Kynar or stainless steel
- Bull gears
- Worm shafts
- Bearings
- Wear plates
- Stub end shafts
- Scraper blades
- Agitator
- Multi-flex connectors
- Ferrules
- Centershafts
- Filtrate tubes
- Bridge plates
- Trunnions

**And much more...**



# Rotary Vacuum Disc Filter



## YOUR BENEFITS:

- High filtration efficiency and throughput
- Excellent cake release and cleaning
- Small footprint, large filtration area
- Continuous operation
- Application versatility
- Wide range of sizes

# Belt Press Filter

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**Compositech is a leading manufacturer of belt press assemblies and are in operation in a wide variety of heavy industrial applications.**

With a cantilever frame allowing the use of seamless belts and an easy to clean steel frame, our belt press filter is well suited to pulp and paper slurry dewatering. The press is a multi-level construction consisting of a gravity dewatering zone, a wedge pressing zone, and a final pressure zone. The belts converge on each side of the sludge in the wedge zone and the pressure zone applies shear and surface pressure by wrapping the belts around the pressure rolls. Our mixer/flocculator has a variable speed drive to enable optimum flocculation of the incoming slurry.

**Your partner in this process, Compositech stocks:**

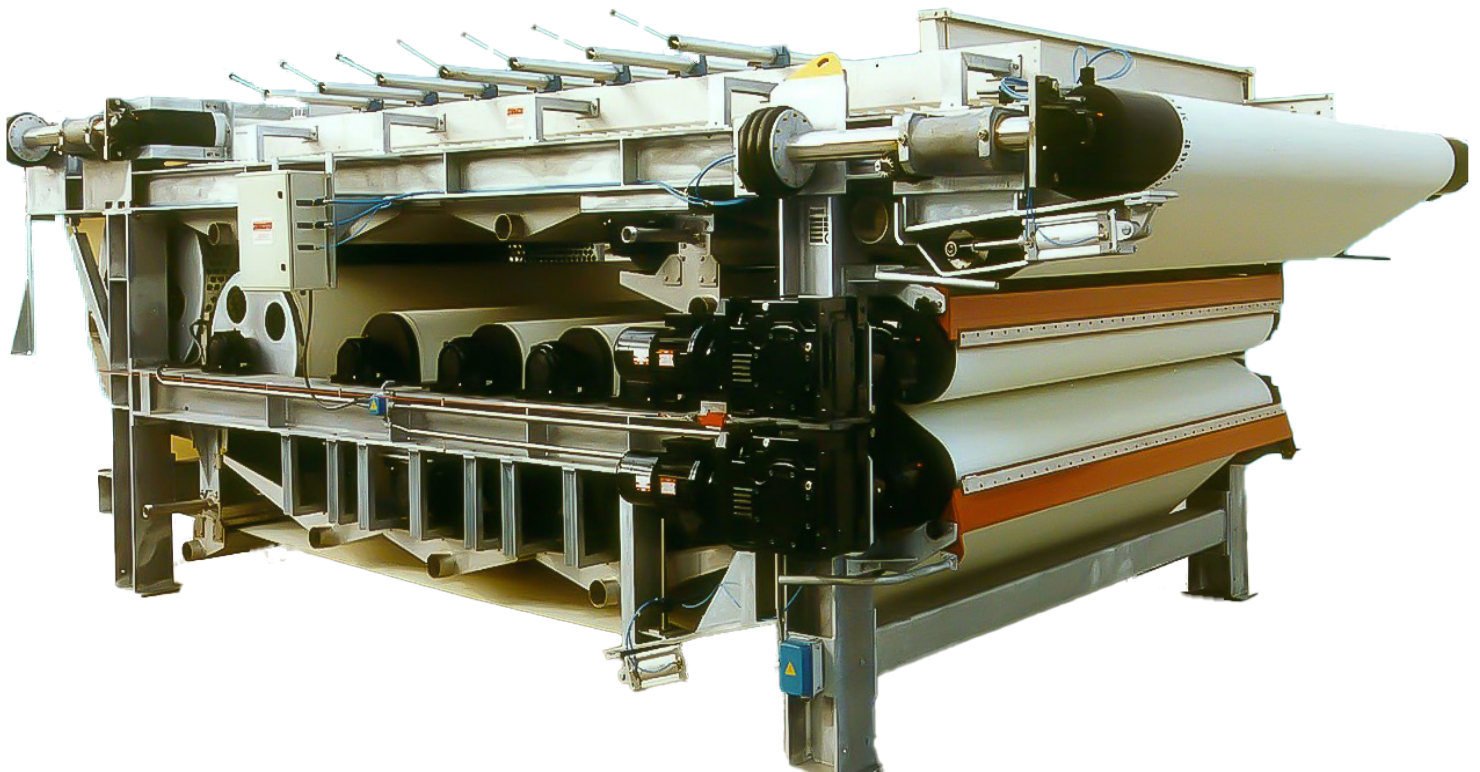
- Plows
- Rollers
- Polymer systems
- Steering / Tension valves
- Seals
- Belt tracking
- Cylinders
- Bellows
- Bearings
- Venturi mixer

**And much more...**

# Belt Press Filter

## YOUR BENEFITS:

- Easily cleaned steel frame
- Lowest required residual moisture of final product
- Highest throughputs of up to 50% more than comparable competitor machines
- Flexible operating parameters (e.g. belt speed and belt tension as well as filtration pressures can be adjusted)
- Designed for continuous 24 hours per day, 365 days per year operation



## Gravity Belt Thickener

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Compositech manufactures several models of the Gravity Belt Thickener as well as high quality replacement parts. The gravity belt thickener, or gravity table, is designed to increase the solid content of the feed sludge by up to ten times the consistency of the inlet sludge.

**The simplicity of the machinery makes it easy to maintain and its minimal power consumption makes the gravity table a very cost-effective means of sludge thickening.**

### Compositech's GT series Key Elements:

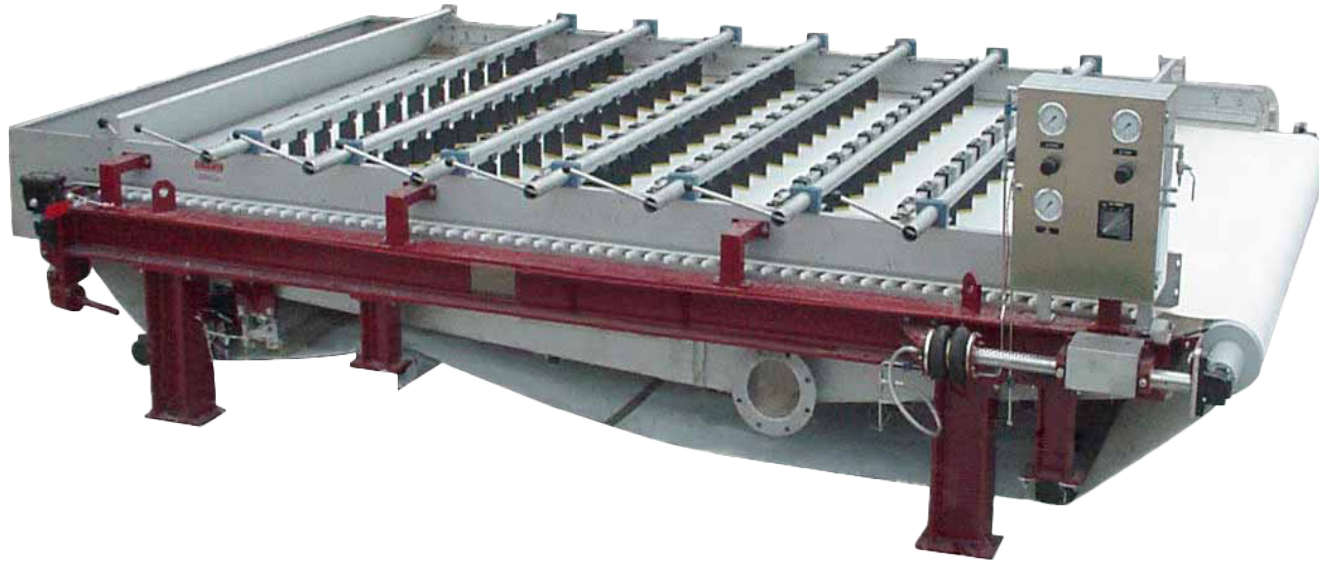
- **Filter Belt is supported by a high-density polyethylene (HDPE)**
- **Separates over 90% of the suspended solids from the sludge**
- **Standard galvanized and painted framework**
- **Designed for continuous 24 hours per day, 365 days per year operation.**
- **No flotation troubles**
- **Constant final thickening free from the concentration of the sludge to be treated**

**Our components meet or beat the quality of the original equipment used by the filter manufacturer and are manufactured and warranted by Compositech and not by the original equipment manufacturer.**



## YOUR BENEFITS:

- Small space required
- Flexibility of the system in order to reach a thickened sludge
- Less rotation troubles
- Optional cover to prevent undesirable odors
- Lighter filtrate



**Gravity Belt Thickener**



# Filtration Services

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## Inspection

Preventive Maintenance can lengthen the life of your equipment as well as save time, and money in unexpected repairs and equipment downtime. Our technical staff offers inspection services in addition to your regularly scheduled maintenance.

Compositech service personnel are experienced technicians that can perform a detailed inspection of your equipment and provide a written report which will pinpoint areas of concern. Whenever possible, we also provide onsite repairs. Give us a call today to schedule a visual inspection (281) 648-3557.



## On-site Repair/Rebuild

Rebuild and Repair services are offered and can be scheduled at your regular turnaround time.

Our service technicians can quickly perform routine maintenance at your plant. In addition to saving man hours, these services result in an overall savings in terms of the lifespan of your machinery.

## Refurbishment Services

Complete filter refurbishment is available for longer wear life at a substantial savings to your company. We can reengineer your old equipment to “like new” condition, upgrading and rebuilding your machinery at our facilities or yours. We are always on the lookout for quality used equipment which we can offer as a refurbish alternative to a larger capital investment project for our customers as available. Our technical teams are also available to install reconditioned equipment at your location.

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In addition to our lines of filtration equipment, Compositech manufactures replacement parts for Ahlstrom, Alar, Ametek, Andritz, Ashbrook, Beloit-Jones™, Carter, Celleco™, Dorr-Oliver®, Eimco™, Envirex, Enviroquip, Filtres Philippe, IMPCO™, Komline-Sanderson®, Pannevis, Parkson, Peterson, Sernagiotto/SernaTech, Westech, US Filter, and most other filter brands. Our goal in manufacturing filter replacement parts is to offer upgrades to filter performance and reliability. Our parts meet vigorous standards for quality and durability and are designed to offer increased filter performance and lower maintenance costs.

## Contact Us



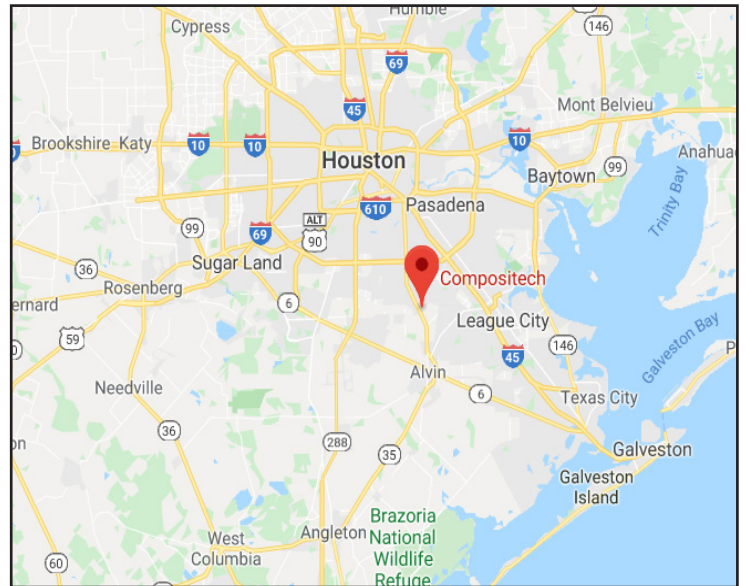
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