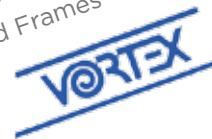


Filtration Membrane • Casting • Coating • Web Handling  
Filter Winding • Web Dryers • Special Rollers  
Rewind Frames • Unwind Frames



**VORTEX** builds and designs customer solutions with a focus on high quality, precision manufacturing and customer satisfaction. We add value through our quality and design.

**Leader in the Web Handling Equipment:**

Over 40 years of experience designing and building complete **customized solutions** to your specifications and unique requirements

Reputation for **superior quality** in metal fabrication

Converting Machines that are built to last and provide a **consistent yield** throughout the lifecycle of the machines

Continuously improving designs to harness the newest and **latest casting and coating technologies** in the membrane manufacturing process: optimized membrane drying oven, slot die coater bar, and roller assemblies

Producing pilot size coating and casting systems for **research and development** capable of a wide variety of membrane paths through drying chambers and solution baths to optimize the membranes' capabilities

All Vortex machines are fully assembled in our facility and **operationally tested using your country's voltage**

**CUSTOMER TRAINING AND SUPPORT:**  
Full training on site in the operation of the equipment and environmental concerns.

**WORLDWIDE SHIPPING AND INSTALLATION:**  
Our machines are designed to fit into containers to minimize shipping costs and speed up installation - we set up anywhere in the world.

**REPAIR AND UPGRADE SERVICE:**  
We repair Coating and Casting machines and subsystems for other web handling equipment from rollers or tanks, to knife-casting equipment.

**TURNKEY EXPERTISE:**  
We partner with consultants/experts with many years of hands on experience in membrane technologies, including plant design/layout, casting and coating processes, assembling modules, testing modules, and training staff.

**MEMBRANE TECHNOLOGY:**  
Our machines produce many different types of membranes: **UF, NF and various types of reverse Osmosis (RO) membranes.**

FULL SERVICE CAPABILITY

## VORTEX ENGINEERING

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**Our Customers are Industry leading companies in the U.S. and worldwide, including China, India, Europe, and Russia.**



**WE BELIEVE IN:**

Beauty of precision  
Building it right  
Building lasting solutions