

# Pharmaceutical Industry



















Authorized Distributor









Jennings Alberts, Inc. has been providing engineered solutions and process equipment to the Pharmaceutical Industry for nearly 50 years. We provide expertise for many processing applications including:

## **Heat Exchangers**

- Point of use WFI/USP coolers
- Sanitary Shell and Tube heat exchangers
- Tube-in-Tube heat exchangers
- API reactor condensers 316L SS, C 276, C 22, Tantalum
- Plate, Spiral and Shell & Tube heat exchangers
- Compabloc® Hygienic and Free Flow condensers
- Energy recovery
- Temperature Control Modules (TCM / TCU )

## Mixing, Milling and Dispersing Equipment

- Dispersion of: thickeners, stabilizers, xanthan/guar gums, flavors...
- In-line and batch powder dispersion: tablet coating, granulation
- Media prep/buffer solutions
- Wet milling of API products
- Preparation of creams and lotions
- Sanitary mixers
- Cell disruption

## **Vacuum Pumps and Systems**

- Liquid ring, rotary vane, dry claw and dry screw pump technologies
- Lab, kilo-lab, pilot plant and production
- Distillation, stripping and reaction
- Lyophilization and freeze dryer systems
- Pharmaceutical packaging machines

#### **Solid/Liquid Separation Equipment**

- Engineered filtration systems
- Filters, Nutsche Filter-Dryers, and Vacuum Dryers
- Glass-lined process equipment
- Scraper and Pusher Centrifuges for Solid/Liquid Separation