



101 INDUSTRIAL ROAD  
BERKLEY HEIGHTS, NJ 07922  
PH: (908) 516-2647  
FAX: (908) 516-2651

WWW.PRIMEPROCESSEQUIP.COM

**LIQUID MIXING, HIGH SHEAR, POWDER TRANSFER, WET MILLING**



Top Mounted Mixers With All Impeller Designs.  
Process Scale-Up and Agitation Analysis Using CFD's.  
Portable & Side Mounted Mixers. Manual & Electric Lift  
Stands. All Stainless Sanitary Mixers. CFD Modeling



**Rotosolver** - Sanitary In Tank Dispersion/High Shear Mixing.  
**Rotostat** - Sanitary Tank Mounted Homogenizers.  
**Dynashear** – Continuous Inline High Shear Mixer.  
**Boston Shear Mill** – Continuous Inline Wet Mill & Emulsifier.  
**Fast Feed** – Powder/Liquid Induction & Dispersion.  
**Vacushear** – Vacuum Mix Tanks from Bins or Sacks.  
**AdMixer** – Sanitary Static Mixers.  
**FlowShear** – Bottom Entering Homogenizers  
**RotoMixx** – All Stainless Sanitary Mixers



Seal - Less Magnetic Drive Mixers up to 100 HP.  
Top, Side or Bottom Entering, 100% Leak Proof.  
High Pressure Autoclave Reactors For Labs & Pilot Plant.



Tank Mounted/Hydraulic Lift, High Speed Dispersers, Drum  
Mixers, Co-Axial & Tri-Axial Mixing Systems, Media Mills,  
Hydraulic Discharge Presses.



Vacuum Processing Systems for Cosmetics, Skin Care,  
Personal Care, and Pharmaceuticals

**VESSEL FABRICATION & PACKAGES**



Laboratory & Pilot High Pressure, High Temperature  
Autoclaves and Reactors w/Magdrives, (CSTR) Tubular



High Alloy & Stainless Steel Vessels & Reactors,  
Half Pipe, Dimple & Conventional Jackets,  
Agitator Reactor Packages, CFD Modeling



Sanitary ASME Code Vessels For Pharma/Biotech/Food &  
Beverage, Sanitary Polished Jacketed & Sheathed Tanks.



NonCode Polished Vessels, Portable Tanks, Chutes, Bins,  
Totes, IBC's, Stainless Enclosures, Platforms, and Cabinets

## HEAT TRANSFER

**MUELLER**

Temp Plate Prime Surface Heat Transfer Panels,  
Accutherm Plate & Frame Heat Exchangers,  
Sanitary Plate & Frame Heat Exchangers.

---

**RODEN**  
MANUFACTURING, INC.

Shell & Tube Heat Exchangers, in all Nickel Alloys

---

**THERMAL CARE**

Portable & Central Chillers – Water & Air Cooled,  
Centrifugal Scroll & Screw Type,  
Packaged Temperature Control Units.

## WATER TECHNOLOGIES

**BWT**  
BEST WATER TECHNOLOGY  
Pharma & Biotech

Water Treatment Systems, RO Systems,  
Loop-O & Loop-X Sterilization & Distribution Systems,  
WFI Stills, Cold/Ambient WFI, Clean Steam Generators.

---

## PROCESS PUMPS

**SPX** | **WAUKESHA**

Sanitary & Industrial Rotary Lobe & ECP Pumps,  
Sanitary Centrifugal & CIP Return Pumps.

---

**LEWA**  
Process Technologies

Metering Pumps – Diaphragm & Plunger, Hygienic Pumps  
For Pharmaceutical / Biotech & Chromatography,  
Multi-Head Pumps For Recipe Blending Systems.

---

**DICKOW**  
Pump Company

ANSI & API Mag-Drive Centrifugal Pumps,  
Mag-Drive Multi-Stage Centrifugal,  
Mag-Drive Hot Oil Pumps.

---

## POWDER/SOLIDS PROCESSING

**VIBRA SCREW INC.**  
The most trusted name in dry  
solids processing.

Bins, Volumetric Screw Feeders, Continuous Blenders,  
Dryers, Vibrating

**OPARA**  
TECHNOLOGIES

Tablet Coating Systems, Continuous Coaters, Tray Dryers,  
Conventional drum pans, Lab Scale Fluid Beds, Controls  
Retrofits, Auxillary Equipment (tablet handling, etc)

**PRIME PROCESS EQUIPMENT**

## PROCESS SKIDS

Skid Mounted Equipment Systems with Controls & FAT.  
Sanitary Process Piping, Support Platforms.  
Validation Services

**GMP**  
Project Services

## INSTALLATION SERVICES

GMP Process Equipment Installation (Rigging, Piping,  
Electrical) and Specification/Planning of Facilities and  
Utilities services. Commissioning and Validation Services