



Integrated Solutions for the  
**Power Generation**  
Industry



>>> *A Relentless Ally for American Manufacturing*



# about us

**E**NPRO, INC. has been in the business of helping our customers solve their process problems for over 55 years. Our technically trained application engineers have expertise in diverse markets to meet the ever-changing business needs of our customers.

By representing leading manufacturers in separation technologies, instrumentation and process equipment, we are committed to providing our customers with innovative tailor-made solutions for their applications.

We combine the strength of our experience with the knowledge of our technologies to help our customers optimize their processes. ENPRO is the premier manufacturer's representative/distributor in each of the following markets:

Alternate Fuels	Injection Molding
BioPharmaceutical	Microelectronics
Cement	Mining
Die Casting	Power Generation
Food & Beverage	Primary Metals
Fuels & Chemicals	Printing
Grain Processing	Pulp & Paper
Industrial Manufacturing	Refining



## LEGEND

- ★ Corporate Headquarters
- Branch Office

# power generation

**F**or over 55 years, ENPRO has been serving the Power Generation industry.

## COMPETENCE

ENPRO's sales and service personnel have a wealth of experience and knowledge. They complete a rigorous training program to ensure that our customers receive a full service solution. Our sales engineers are hands-on and are available at any time to offer maintenance or technical support.

## TECHNOLOGY

Our sales engineers regularly share with our customers the latest advancements in technology. This approach allows our customers to evaluate a variety of options and determine the best solution for their processes.

## PRODUCT RANGE

ENPRO represents manufacturers that have extensive experience in a wide range of industries within the Power Generation market. The engineered products we represent are designed to assist our customers with their diverse applications.

ENPRO's field and service center teams are available 24/7 to repair and maintain equipment for our customers.

## EMERGENCY SERVICE AND PREVENTATIVE MAINTENANCE CAPABILITIES INCLUDE:

- > Air Operated Diaphragm Pumps
- > Chemical Metering Pumps
- > Chemineer Mechanical Seals
- > Compressed Air Dryers
- > Gearboxes
- > Heat Exchangers
- > Oil Purification Equipment
- > Protectoseal Tank Blanketing Valves

# 24/7 Service



# our products



## FILTRATION PRODUCTS

Gas Phase and Particulate Filtration Solutions

- HVAC and ASHRAE panel filters
- Removal of gases for corrosion control



## ENGINEERED SYSTEMS

Custom Engineered Systems

- Chemical feed systems
- Control panels



## FILTRATION SYSTEMS

Manual and Automated Self-Cleaning Filtration Systems

- Cooling tower bypass
- Prefiltration for RO systems
- Raw water and wastewater filtration
- Heat exchanger protection
- Mechanical seal protection



## PLANT FILTRATION SYSTEMS

Manual and Automated Self-Cleaning Strainers/Filtration Systems

- Prefiltration for RO systems
- Pump seal protection
- FGD mist eliminator system
- Well water Fe and Mn filtration







## MANUAL, PNEUMATIC AND ELECTRICALLY ACTUATED BALL VALVES

Carbon Steel and Stainless Steel Manual and Automated Ball Valves

- Block & bypass, isolation and shut-off valves
- Damper actuators
- V-Notch control valves



## UV TECHNOLOGIES

Industrial Grade UV Systems

- Pre RO dechlorination
- Chemical free disinfection
- MIC control



## REPAIR AND INSPECTION SERVICES

Gearbox, Cable Drum and Large Gear Cutting

- Complex gear drive assemblies
- Coal pulverizer gear boxes
- Rotary mixer gearboxes



## VIBRATING BULK MATERIAL HANDLING EQUIPMENT

Bin and Storage Pile Dischargers and Feeders

- Coal
- Fly ash
- Lignite





### NON INTRUSIVE METERS

Portable and Permanent Non-Invasive Meters for Liquids and Gases

- Fuel oil/natural gas flow measurement
- BTU
- Mass flow
- Concentration/Density
- Circulating and service water flow measurement
- Make-up water and wastewater flow measurement



### HIGH ACCURACY FLOW METERS

Flow Measurement Solutions for Liquids and Gases

- Turbine
- Positive displacement
- Ultrasonic
- MagMeters



### VALTEK CONTROL VALVES

Globe and Rotary Control Valves, Positioners and Accessories

- High pressure steam
- Feedwater and heater drain applications
- Natural gas control and isolation
- Cooling water control



### KAMMER CONTROL VALVES

Severe Service Globe Valves

- Feedwater pump bypass and recirculation
- Feedwater regulation





## STRAINERS, VALVES AND PIPELINE ACCESSORIES

Simplex and Duplex Basket and Custom Fabricated Strainers

- Cooling water purification
- Heat exchanger and condenser protection
- Pump and meter protection



## INSTRUMENTATION

Process pH Solutions for Monitoring and Control

- FGD scrubbing liquor pH (absolute and differential)
- Feedwater and cooling water pH
- Bottom ash and wastewater pH
- Conductivity, ORP and dissolved oxygen
- Holders
- Transmitters
- Portable meters



## CHEMINEER PORTABLE AND SMALL TOP ENTRY MIXERS

Direct and Gear-Driven Portable Mixers from 1/4 HP to 5 HP

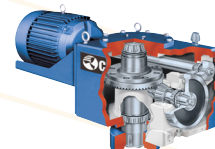
- Water treatment chemical mixing
- Drum mixing/blending applications



## CHEMINEER AND PROCHEM TOP AND SIDE ENTRY AGITATORS

Top and Side Entry Agitators Available in 13 Standard Drive Sizes from 1 to 1,000 HP

- Blending
- Solid suspension
- Gas dispersion
- High viscosity fluids



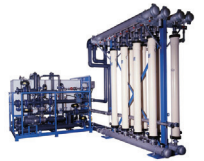




## SEPARATION SYSTEMS

ARIA (MF/UF) Cross Flow Membrane Technology

- Incoming and boiler feed make-up water
- Oil/Water separation
- Wastewater



## COAL AND ASH PRODUCTS AND SYSTEMS

Material Shutoff, Diverting and Regulating Valves

- Ash bed valves
- Coal handling valves
- Chutes
- Fluidized conveyors



## VAPOR CONTROL AND TANK SAFETY EQUIPMENT

Conservation Pressure/Vacuum Breather Vents, Emergency Vents, Flame Arresters, Detonation Arresters and Tank Blanketing Valves

- Storage tank pressure and vacuum breather vents
- Flame and detonation arresters
- Gas blanketing





Service Center 

## ECLIPSE® SERIES METALLIC AND NON-METALLIC GEAR PUMPS

Magnetic Drive Industrial Duty Sealless Pumps

- Cooling water sodium hydrochlorite pump
- Hydrochloric and sulfuric acid metering



## PULSATRON ELECTRONIC METERING PUMPS

Solenoid Metering Pumps with Flow Capacities from 3 to 500 GPD, with Manual or Automatic Controls

- Boiler treatment
- Cooling tower chemical metering
- Wastewater pH adjustment



## PULSA, PULSAR AND PULSAPRO SERIES® DIAPHRAGM METERING PUMPS

Metering Pumps Available with Different Pump Head Designs, Materials of Construction, Flow Rates and Pressures

- Cooling tower acid and specialty chemical addition
- High pressure boiler chemical addition
- Sodium hypochlorite and sulfuric acid addition
- Specialty chemicals for pollution control systems





## SPXFLOW

>Pneumatic Products®

>Hankison®

>Kemp®

Service Center

### HEATED, HEATLESS AND REFRIGERATED AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

- Instrument air
- High pressure soot blowing air system
- Baghouse pulse air system



## TELEDYNE ANALYTICAL INSTRUMENTS

### GAS AND LIQUID ANALYZERS

Portable, Panel Mount or Custom Built Analyzer Systems

- In-situ stack gas analyzers
- Turbine generator hydrogen purity analyzers
- Combustion efficiency analyzers
- Control room habitability analyzers



## TESCOM™

### PRESSURE CONTROL SOLUTIONS

Pressure Reducing and Back Pressure Manual and Electronically Controlled Regulators

- CEMS analyzer sampling systems
- Changeover regulators for calibration gas bottles
- Custom H<sub>2</sub> control panels for generators



### CORIOLIS MASS FLOW METERS

Industrial Coriolis Mass Flowmeters

- Batch flow control for tank load out
- Precise material or chemical addition/blending







# VEGA

## NON-CONTACT CONTINUOUS LEVEL MEASUREMENT

Liquid and Solid Level Measurement Technology

- Coal bunkers
- Fly ash storage
- Lime and limestone storage
- Water, chemical and fuel oil storage
- Screenhouse water



## NUCLEAR CONTINUOUS LEVEL, POINT LEVEL AND DENSITY MEASUREMENT

Radiation-Based Level and Density Detection

- Limestone and gypsum slurry density
- Coal bunker plugged chute detection
- Coal, limestone and gypsum weigh scale
- Baghouse and precipitator hopper level



## POINT LEVEL MEASUREMENT

Vibrating and Capacitance Probe Technologies for Liquids and Solids

- Plugged chute pulverizer protection
- Sump pump control
- Plugged chute and fly ash



## COMBINATION MAGNETIC INDICATOR AND RADAR LEVEL MEASUREMENT

Single and Dual Chamber Bridle Systems

- Feedwater heater
- Hotwell
- Deaerator





## **CORPORATE HEADQUARTERS**

**ENPRO, INC.**  
121 South Lombard Road  
Addison, IL 60101  
(800) 323-2416

## **BRANCH OFFICES**

### **INDIANA**

Indianapolis, IN 46240  
(317) 872-1422

### **MINNESOTA**

Bloomington, MN 55437  
(952) 943-3930

### **OKLAHOMA**

Oklahoma City, OK 73116  
(405) 728-9500

### **KANSAS**

Overland Park, KS 66210  
(913) 327-8400

### **MISSOURI**

St. Louis, MO 63146  
(314) 878-6161

### **TENNESSEE**

Memphis, TN 38120  
(901) 623-9560

### **MICHIGAN**

Ann Arbor MI 48104  
(248) 557-6880

### **NEBRASKA**

Omaha, NE 68137  
(402) 597-2306

**For more information**  
**(800) 323-2416**

**[www.enproinc.com](http://www.enproinc.com)**