



Integrated Solutions for the  
**Pulp & Paper**  
Industry



**ENPRO**  
INC.

>>> *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

# pulp & paper

**F**or over 55 years, ENPRO has been serving the Pulp & Paper 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 the Pulp & Paper industry. The engineered products we represent are designed to assist our customers with their diverse applications.

## RENTAL EQUIPMENT

ENPRO has a fleet of rental equipment that includes oil dehydration/purification units, compressed air dryers, screw conveyors, colloid mills, ultrasonic flow meters, UV water purification units and filtration systems.

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 and Conservation Breather Vents

# 24/7 Service

# our products



## AMIAD, ARKAL AND PEP FILTRATION SYSTEMS

Media, Manual and Automated Self-Cleaning Filtration Systems

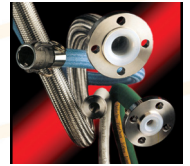
- Nozzle protection
- Prefiltration for RO systems
- Raw water and wastewater filtration
- Heat exchanger protection
- Pump mechanical seal protection



## PUREFLEX, HILLS-MCCANNA AND CONLEY COMPOSITES

Fiberglass and PTFE/PFA/ETFE Lined Pipe, Valves and Hose Assemblies

- Pulp mill chemical handling
- Paper conditioning chemicals
- Power house chemicals



## HEAT EXCHANGERS

Gasketed Plate and Frame Heat Exchangers and Systems

- Oil cooling
- Water & waste water heating/cooling
- Steam preheaters
- Black Liquor heaters



## MANUAL, PNEUMATIC AND ELECTRICALLY ACTUATED BALL AND BUTTERFLY VALVES

Carbon Steel and Stainless Steel Manual and Automated Ball and Butterfly Valves

- Block & bypass, isolation and shut-off valves
- Segmented V-Ball control valves
- Utility valves







## ENGINEERED SYSTEMS

Custom Engineered Systems

- Chemical feed systems
- Control panels
- Automation control and integration



## TANK CLEANING MACHINES

Versatile Tank Cleaning Nozzles and Systems

- Coating tanks
- Railcars
- Headbox
- Stock chest



## REPAIR AND INSPECTION SERVICES

Gearbox, Cable Drum and Large Gear Cutting

- Rotary mixer gearboxes
- Complex gear drive assemblies



## SEPARATION TECHNOLOGIES

Bag Filters and Depth & Pleated Style Cartridges

- Hydraulic systems
- Lube oil
- Kidney loops
- Oil purification systems





### HIGH ACCURACY FLOW METERS

Flow Measurement Solutions for Liquids and Gases

- Turbine
- Positive displacement
- Ultrasonic
- MagMeters



### VALTEK AND KAMMER CONTROL VALVES

Globe and Rotary Control Valves, Positioners and Accessories for Chemical, Gas, Liquid and Steam Applications

- Process and utility control valves
- Severe service control valves
- Cooling water control
- Hydraulic throttling and control



### SCREW CONVEYORS, BAG HANDLING AND FEEDERS

Flexible Screw, Tubular Drag and Vacuum Conveyors

- Rail/Truck loading
- Wood chip conveying



### STRAINERS, VALVES AND PIPELINE ACCESSORIES

Simplex, Duplex Basket and Custom Fabricated Strainers

- Pump and meter protection
- Cooling water purification
- Heat exchanger and condenser protection
- Spray header nozzle protection





## INSTRUMENTATION

Process pH Solutions for Monitoring and Control

- Absolute and differential pH
- Pulping liquor conductivity
- ORP and dissolved oxygen
- Retractable holders
- Transmitters
- Portable meters
- Pulp bleaching pH



Chemineer

Greerco

Kenics

ProChem

Service Center

## PORTABLE AND SMALL TOP ENTRY MIXERS

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

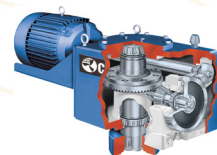
- Water treatment chemical mixing
- Drum mixing/blending applications



## TOP AND SIDE ENTRY AGITATORS

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

- Stock chest
- High density towers
- Digester blow tanks
- High viscosity fluids
- Coatings
- Bleaching tower





### SLIDE GATE DIVERTER AND SHUTOFF VALVES

Manual and Automated Bulk Material Handling Valves

- Woodchips
- Sawdust
- Wood shavings



### 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



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

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

- Water and wastewater pH control
- Polymer feed injection
- Colorant addition



### PULSATRON ELECTRONIC METERING PUMPS

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

- Boiler feed water treatment
- Cooling tower chemical addition







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

Magnetic Drive Industrial Duty Sealless Pumps

- Acid transfer and addition
- Water treatment chemical addition



## INDUSTRIAL SCREENERS

Gyrating Motion Single and Multistage Screeners

- Wood shavings for animal bedding
- Particle board
- Wood pellets for biomass



➤ Pneumatic Products®

➤ Hankison®

➤ Kemp®



## HEATED, HEATLESS AND REFRIGERATED AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

- Instrument air
- Tank blanketing air
- Breathing air
- Plant air





# TESCOM™

## PRESSURE CONTROL SOLUTIONS

Pressure Reducing and Back Pressure Manual and Electronically Controlled Regulators

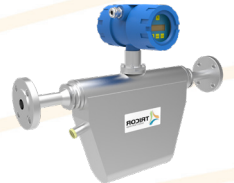
- Double mechanical seal barrier fluid
- Hydraulic manifolds
- Spray header pressure control



## CORIOLIS MASS FLOWMETERS

Industrial and Sanitary Coriolis Mass Flowmeters

- Batch flow control
- Precise material or chemical addition/blending



# VEGA

## NON-CONTACT CONTINUOUS LEVEL MEASUREMENT

Liquid and Solid Level Measurement Technology

- Ammonia tanks
- Acid tanks
- Coating tanks
- Wood chip bins
- Stock tanks
- Coal bunkers



## POINT LEVEL MEASUREMENT

Vibrating and Capacitance Probe Technologies for Liquids and Solids

- Dry and liquid high/low point level
- Pump run dry protection



# VEGA

## NUCLEAR CONTINUOUS LEVEL, POINT LEVEL AND DENSITY MEASUREMENT

Radiation Based Level and Density Detection

- Digester continuous level
- Belt scales for augers and conveyors
- Liquor density gauges
- Digester high/low level indication
- Lime slurry density gauges



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# WARREN RUPP®

Sandpiper  
Versamatic

## AIR OPERATED DIAPHRAGM PUMPS

Aluminum, Stainless Steel, Polypropylene and PVDF Construction

- Fluid Transfer
- Rail car unloading
- Slurry metering





## CORPORATE HEADQUARTERS

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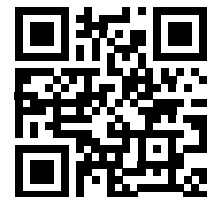
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