



Integrated Solutions for the
Pulp & Paper
Industry



ENPRO INC.

>>> *A Relentless Ally for American Manufacturing*



about us

ENPRO, INC. has been in the business of helping our customers solve their process problems for over 60 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 |



pulp & paper

For over 60 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



BUTTERWORTH

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



REFRIGERATED AND COMPRESSED AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

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



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

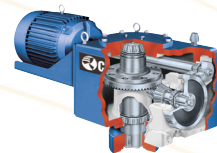
- Water treatment chemical mixing
- Drum mixing/blending applications



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



HEATED AND HEATLESS DECICCANT AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

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



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

- Acid transfer and addition
- Water treatment chemical addition



Service Center 

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



HIGH PERFORMANCE SCREENERS

INDUSTRIAL SCREENERS

Gyrating Motion Single and Multistage Screeners

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





TESCOM™

PRESSURE CONTROL SOLUTIONS

Pressure Reducing and Back Pressure Manual and Electronically Controlled Regulators

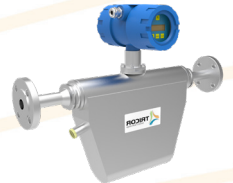
- > Double mechanical seal barrier fluid
- > Hydraulic manifolds
- > Spray header pressure control



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





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