

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



LEGEND

- ★ Corporate Headquarters
- Branch Office

pulp & paper

For 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.

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



AMIAD, ARKAL AND PEP FILTRATION SYSTEMS

Media, 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



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



TANK CLEANING MACHINES

Versatile Tank Cleaning Nozzles and Systems

- Process vessels
- Railcars



REPAIR AND INSPECTION SERVICES

Gearbox, Cable Drum and Large Gear Cutting

- Rotary mixer gearboxes
- Complex gear drive assemblies





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



M4Knick



INSTRUMENTATION

Process pH Solutions for Monitoring and Control

- Absolute and differential 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

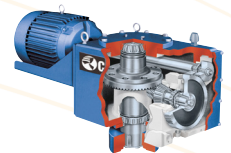
- Water treatment chemical mixing
- Drum mixing/blending applications



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





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



Red Valve Company, Inc.

EXPANSION JOINTS, MANUAL AND AUTOMATED VALVES

Pinch, Knife Gate and Check Valves

- Water
- Slurry
- Chemicals



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

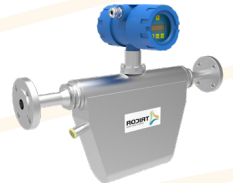
- Double mechanical seal barrier fluid
- Hydraulic manifolds
- Spray header pressure control



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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