## Integrated Solutions for the Industrial Manufacturing Industry



>>> A Relentless Ally for American Manufacturing

# about us

NPRO, 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:



## industrial manufacturing

 or over 60 years, ENPRO has been serving the Industrial Manufacturing 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 Industrial Manufacturing 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
- **Exchangers**
- **Dil Purification Equipment**
- Protectoseal Tank Blanketing Valves and Conservation Breather Vents

Service

3

# our products



#### **FILTRATION PRODUCTS**

Gas Phase and Particulate Filtration Solutions

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





#### 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





#### PUREFLEX, HILLS MCCANNA AND CONLEY COMPOSITES

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

- Acid handling
- Sodium Hypochlorite
- Corrosive fluids



#### HEAT EXCHANGERS

Gasketed Plate and Frame Heat Exchangers and Systems

Oil cooling

Process fluid heating





#### **ENGINEERED SYSTEMS**

Custom Engineered Systems

- Chemical feed systems
  - Control panels





#### 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





#### 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







#### VIBRATING BULK MATERIAL HANDLING EQUIPMENT

Bin and Storage Pile Dischargers and Feeders

- Resins
- Plastic pellets
- Finished parts





#### SEPARATION TECHNOLOGIES

Bag Filters, Depth & Pleated Style Cartridges, Filter Housings

- Process filtration
  Incoming water
- Incoming water
- Rotating equipment bearing wear protection
- Liquid/liquid coalescing
- Hydraulic and lube oil 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



#### STRAINERS, VALVES AND PIPELINE ACCESSORIES

Simplex and Duplex Basket and Custom Fabricated Strainers

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



### M4Knick >

#### LIQUID ANALYTICS

Process Solutions for Monitoring and Control

- Absolute and differential pH
  - Conductivity
  - ORP and dissolved oxygen
  - Holders
  - Transmitters
  - Portable meters





#### POSITIVE DISPLACEMENT PUMPS

Progressive Cavity, Multiple Screw and Rotary Lobe Pumps

- Transfer of high viscosity fluids
- Metering of slurries





Chemineer Greerco Kenics ProChem



#### 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



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





#### SINGLE AND DOUBLE BLADED SLIDE GATES AND SYSTEMS

Material Shutoff, Diverting and Regulating Valves

- Pneumatic conveying material flow control
- Metering of material onto belt conveyors
- Hopper or bin loading shut off





**\***PULSAFEEDER<sup>®</sup>

Service Center

#### 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



#### 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

#### 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
- Degreasing agent addition
- Colorant addition





>Pneumatic Products

>Hankison<sup>.</sup>

Service Center

>Kemp<sup>.</sup>

#### HEATED, HEATLESS AND REFRIGERATED AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

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





#### TELEDYNE ANALYTICAL INSTRUMENTS

ESCOM

#### GAS AND LIQUID ANALYZERS

Portable, Panel Mount or Custom Built Analyzer Systems

- Portable and on-line emissions monitoring
- Flue gas
- Oil in water
- Area monitoring



#### PRESSURE CONTROL SOLUTIONS

Pressure Reducing and Back Pressure Manual and Electronically Controlled Regulators

- Double mechanical seal barrier fluid
- Hydraulic manifolds
- Test stand automation





#### INDUSTRIAL CORIOLIS MASS FLOWMETERS

Industrial and Sanitary Coriolis Mass Flowmeters

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





#### PRESSURE MEASUREMENT

Liquid and Gas Pressure Measurement

- ≥ Process, hydrostatic and differential pressure measurement
- ▶ Abrasive and corrosive applications



#### NON-CONTACT CONTINUOUS LEVEL MEASUREMENT

Liquid and Solid Level Measurement Technology

- Storage tank level
- Sump level
- Pellet and resin storage silos
- Dry product storage
- Surge bin level

#### POINT LEVEL MEASUREMENT

Vibrating and Capacitance Probe Technologies for Liquids and Solids

- Non-Contact high and low point level
- Dry and liquid high and low point level
- Pump run dry protection
- Plug chute detection

### NUCLEAR CONTINUOUS LEVEL, POINT LEVEL AND DENSITY MEASUREMENT

Radiation-Based Level and Density Detection

- Plug chute detection
- Non-invasive continuous level applications



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