



Integrated Solutions for the
Frac Sand
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 | 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

frac sand



For over 55 years, ENPRO has been serving the Frac Sand 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

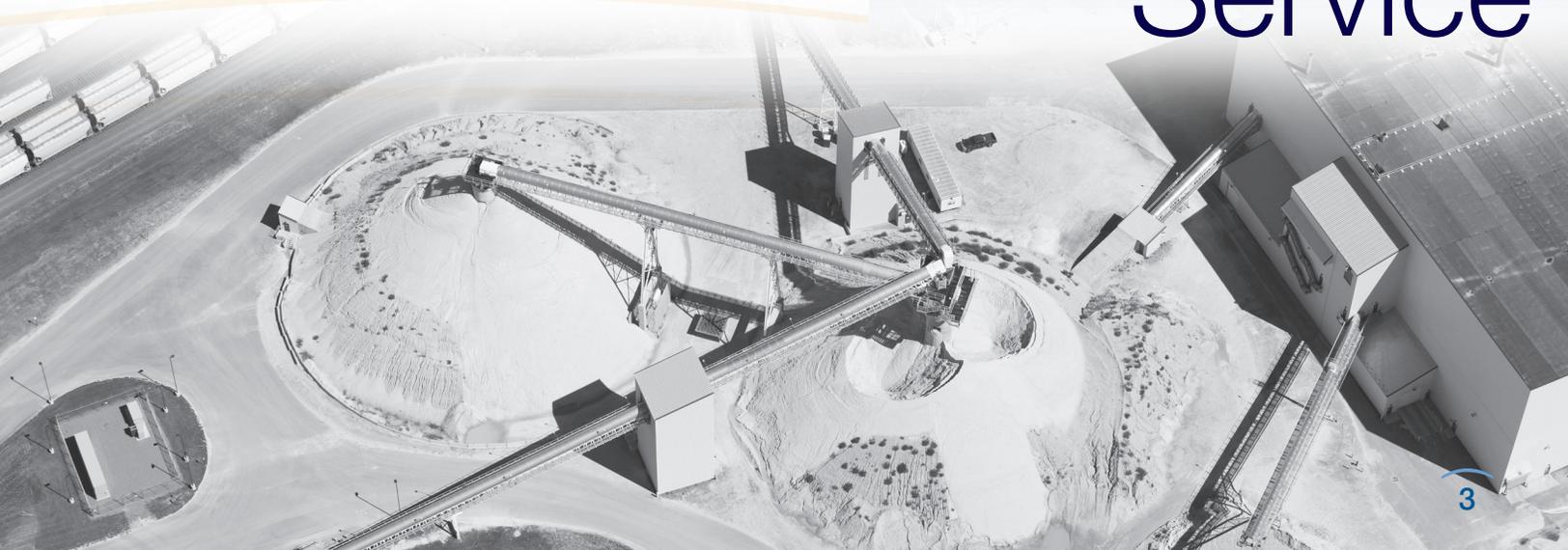
ENPRO represents manufacturers that have extensive experience in a wide range of industries within the Frac Sand market. The engineered products we represent are designed to assist our customers with their diverse applications.

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



AMIAD, ARKAL AND PEP FILTRATION SYSTEMS

Media, Manual and Automated Self-Cleaning Filtration Systems

- Pre-filtration for incoming process water
- Filtration for secondary effluent



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
- Water feed lines
- Utility valves



AIR COMPRESSORS

Rotary Screw Oil Free Air Compressors

- Plant air
- Instrument air
- Breathing air





DUST COLLECTION AND PNEUMATIC CONVEYING SYSTEMS

Pneumatic Conveyors and Bag Houses

- ▶ Filtration equipment
- ▶ Conveying technologies



VIBRATING BULK MATERIAL HANDLING EQUIPMENT

Static, Vibrating and Rotary Kiln Dryers

- ▶ Sand drying
- ▶ Cooling of sand



BULK MATERIAL STORAGE TANKS AND SILOS

Dry Bulk Storage

- ▶ Sand storage
- ▶ Specialty covers





FILTRATION

SEPARATION TECHNOLOGIES

Bag Filters and Depth & Pleated Style Cartridges

- ▶ Rotating equipment lube oil
- ▶ Incoming water
- ▶ Compressed air purification



HIGH ACCURACY FLOW METERS

Flow Measurement Solutions for Liquids and Gases

- ▶ Turbine
- ▶ Positive displacement
- ▶ Ultrasonic
- ▶ MagMeters



SCREW CONVEYORS, BAG HANDLING AND FEEDERS

Flexible Screw, Tubular Drag and Vacuum Conveyors

- ▶ Removal of sand from dust collectors
- ▶ Rail/Truck loading



BUCKET ELEVATORS, BLENDERS AND DISTRIBUTORS

High Performance Mixing, Blenders and Bucket Elevators

- ▶ Deliver and distribute sand to top of storage silos
- ▶ Dedusting frac sand





LIQUID STRAINERS AND VALVES

Simplex and Duplex Basket and Custom Fabricated Strainers

- Water pump protection
- Cooling water purification



AUTOMATIC INDUSTRIAL SAMPLERS

Bulk Material Samplers

- Sand in chutes
- Sand on moving belts



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
- ▶ Chemical make down tank mixing



DUSTLESS LOADING SPOUTS, SLIDE GATES AND DIVERTER VALVES

Material Shutoff, Diverting and Regulating Valves

- ▶ Haul truck and rail car filling
- ▶ Tank bottom isolation and shut off
- ▶ Sand distribution on belts and tubes
- ▶ Dust suppression systems





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



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





MINERAL SEPARATORS

Gyrating Motion Single and Multistage Screeners

- High volume sand screening
- Bulk separations



SCREW CONVEYORS AND CONTINUOUS/BATCH MIXERS

Mixers, Blenders, Screw Conveyors, Separators, Size Reducers and Pressure Leaf Filters

- Continuous mixing of frac sand coatings
- Dedusting frac sand



➤ Pneumatic Products*

➤ Hankison*

➤ Kemp*

Service Center

HEATED, HEATLESS AND REFRIGERATED AIR DRYERS

Compressed Air Purification and Specialty Gas Dryers

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





VEGA

NON-CONTACT CONTINUOUS LEVEL MEASUREMENT

Liquid and Solid Level Measurement Technology

- ▶ Sand storage
- ▶ Chemical make down tank



POINT LEVEL MEASUREMENT

Vibrating Technologies for Solids and Liquids

- ▶ High/Low level point detection for sand storage
- ▶ Pump dry run protection



PRESSURE MEASUREMENT

Liquid and Gas Pressure Measurement

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



DENSITY MEASUREMENT

Radiation-Based Level and Density Detection

- ▶ Sand/Slurry measurement





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