FEECO is a globally recognized provider of custom thermal processing equipment and process solutions. We offer custom frac sand dryers that have developed a reputation as the industry’s best, boasting all of the benefits listed above.

For more information, contact us today at FEECO.com/contact

ABOUT ROTARY DRYERS

ROTARY DRYERS

are industrial drying systems used throughout a variety of industries to dry bulk solids of all kinds. For frac sand, they dry washed sand down to the target moisture level for use as a proppant.

The industry standard for drying frac sand.

ROTARY DRYERS vs. FLUID BED DRYERS

Rotary dryers offer clear advantages over fluid bed dryers when it comes to drying frac sand:

- Rotary dryers can process in excess of 300 TPH in a single unit - perfect for the demands of a frac sand drying plant.
- Rotary dryers are tolerant to variations in particle size distribution and moisture content, producing a uniform product. Conversely, fluid bed dryers are highly sensitive to variations in feedstock.
- Rotary dryers require less electrical energy than fluid bed dryers, because fluid beds require a high magnitude of air to fluidize the sand.

DESIGN CONSIDERATIONS

A number of factors influence dryer performance and product quality. For this reason, the right frac sand dryer design can have a big impact on overall efficiency.

DESIGN BENEFITS

By optimizing these and other characteristics, a number of benefits can be achieved:

- NOx & CO: Lower NOx & CO emissions
- Uniform results
- Reduced carryover
- Increased efficiency
- Decreased drying costs
- Maintained product integrity

FEECO FRAC SAND DRYERS

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