



# Drying **FRAC SAND**

DRYING • STATS • USES • SOLUTIONS

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# DRYING FRAC SAND

Silica sand, commonly referred to as “frac sand” due to its use in hydraulic fracturing, is a cost-effective proppant and has quickly become a growing industry. While silica sand can be used in many applications, 57% of silica sand produced in the United States is used in hydraulic fracturing applications.

## STATISTICS

- In 2009, 6.5 million metric tons of silica sand were mined valuing \$319 million
- From 2008 to 2012, silica sand production in the United States rose 62% from 30.4 million tons to 49.5 million tons
- The price of silica sand has risen more than 45%, from \$30.82 per ton to \$44.78 per ton
- Hydraulic fracturing (“fracking”) is used in 90% of natural gas wells in North America
- Wells can require more than 2,000 tons of frac sand

## THE SOLUTION: ROTARY DRYERS

Rotary dryers are the proven method to dry frac sand.

Dryers can be used at either the beginning or end of the hydraulic fracturing process, depending on the needs for your project. Prior to transportation and use, frac sand must be dried and treated.

# WHERE DOES FRAC SAND GO?

Although there are oil and gas deposits all over the United States, some specific regions have a desperate need for frac sand:

- North Dakota
- Wyoming
- Colorado
- Texas
- West Virginia
- Pennsylvania

## VULCAN DRYING SYSTEMS SOLUTION

Vulcan Drying Systems supplies equipment to dry, sort, and move frac sand. Our team can build a dryer to best fit your specific project needs. Vulcan Drying Systems has designed and built plants for clients processing up to 150 tons per hour.

For more information on Vulcan Drying Systems email us at [sales@vulcandryingsystems.com](mailto:sales@vulcandryingsystems.com) or call us at +1 (660) 263-7474.

