



Burner and custom combustion chamber

PROCESS

FEECO was commissioned by one of the industry's leading frac sand suppliers to provide three (3) custom rotary dryers for their in-basin sand processing plant.

The three rotary dryers all use a custom FEECO combustion chamber designed to prevent product breakdown and enhance efficiency (due to a more complete combustion of the fuel source).

The dryers are highly flexible, able to produce uniform results despite variations in particle size distribution and moisture content of the feedstock.

Each dryer is capable of processing 200 TPH and is fitted with an over-size discharge breeching to reduce carryover to the exhaust handling system. The dryers process mined sand from around 4% moisture down to 0.3%, but are capable of processing sand of varying moisture content.

PROJECT SPECS

Customer:

Proprietary

Equipment Supplied:

(3) Rotary Dryers with FEECO
Combustion Chambers

Project Location:

Texas, USA

Industry:

Mining

Material:

Frac Sand

Project Engineer:

FEECO International, Inc.