

# Industrial Mineral Production

INDUSTRIAL FILTRATION | DIATOMACEOUS EARTH FILTER | AUTOMATIC FILTER PRESS

## Filter Aid Producer

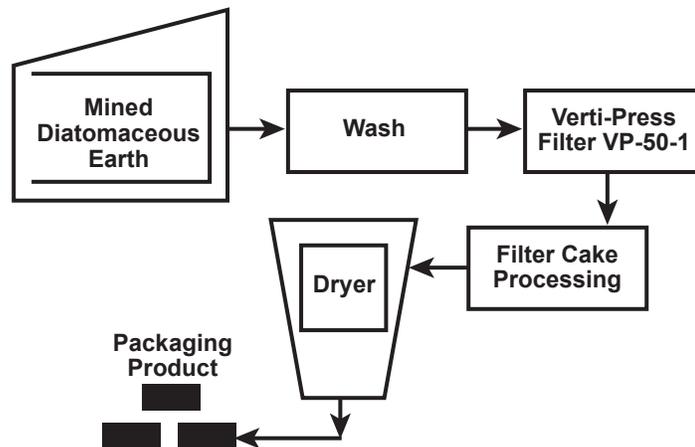
**PRODUCT USED:**

**Verti-Press  
Automatic Tower Filter Press**



<b>END USER:</b>	Filter Aid Producer
<b>LOCATION:</b>	California, USA
<b>UNITS:</b>	(1) VP-50, (1) VP-50-4; (1) VP-100-6
<b>FLOW RATE:</b>	275 #/hr dry product
<b>PROCESS:</b>	Filtering, dewatering of Diatomaceous Earth

**DIATOMACEOUS EARTH FILTER-PROCESS FLOW DIAGRAM**



**MORE INFO**

Diatomaceous Earth (DE) is mined in California, and is used in a variety of engineered industrial applications.

The Verti-Press filter is the key device used in this process as it filters, washes, and dewateres the diatomaceous earth product.

Prior to installation of the Verti-Press Filter, this producer had utilized rotary vacuum drum filters to filter, wash, and dewater the product at their other locations. Therefore, before beginning to mine, an extensive engineering study was conducted in order to determine the best available technology that could improve their process.

At the end of this study, **the Verti-Press was selected as the best option as a diatomaceous earth filter.**

Two key features of the Verti-Press filter that gave this

product the technical advantage during the extensive evaluation were:

- (1) its ability to efficiently wash the product via the robust plug flow wash design, and
- (2) the chamber isolation feature which allows the unit to continue to operate with any permutation of chambers offline.

These two advantages of the automatic filter press maximize production rate, and allow the end user to produce a quality product as quickly and efficiently as possible.

**So, if you're interested in more on this, grab your phone now and call us at 248-427-9090 for your free industrial filtration consultation.**