

# ROTARY SAND DRYER

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## ABSTRACT

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For many years, sand has been used by many industries for different purposes such as in fertilizer-making, concrete-making and lime-making for soil neutralization.

Usually, sand is extracted from under the sea. They have high moisture content and need to be dried in mass quantity before they are put into industrial use. Sea sand is chosen because it is ready in large amount, has particular mineral salt and its dry form is needed in the manufacturing of certain fertilizer and lime.

The rotary sand drying machine can perform the drying task. In the following content, details of the project such as the main components, project structures, relevant pictures, operations, problems and solutions and etc will be included. The report also specified the utilization of biomass which promises commercial, community and environment benefits.