

Trough type solar thermal power generation equipment



Overview

The parabolic trough solar collector (PTC) is one of the most proven and efficient solar thermal technologies for medium- to high-temperature applications. Using a precisely curved mirror to focus sunlight onto a receiver tube, it converts solar radiation into usable heat energy.

Trough type solar thermal power generation equipment



[TROUGH definition and meaning , Collins English Dictionary](#)

A trough is a long narrow container from which farm animals drink or eat. The old stone cattle trough still sits by the main entrance.

What does Trough mean?

In geology, a trough generally refers to a linear structural depression that extends laterally over a distance, while being less steep than a trench. A trough can be a narrow basin or a geologic rift.



trough

Noun trough (plural troughs) A long, narrow container, open on top, for feeding or watering animals.

[Trough Definition & Meaning , YourDictionary](#)

Trough definition: A gutter under the edge of a roof for carrying off rainwater.



TROUGH Definition & Meaning , Dictionary

TROUGH definition: a long, narrow, open receptacle, usually boxlike in shape, used chiefly to hold water or food for animals. See examples of trough used in a sentence.

trough

trough: A long, narrow, generally shallow receptacle for holding water or feed for animals.



Parabolic trough

A parabolic trough collector (PTC) is a type of solar thermal collector that is straight in one dimension and curved as a parabola in the other two, lined with a

trough noun

Definition of trough noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.



[Concentrated Solar Thermal Power Technology and Its](#)

High-temperature solar thermal systems primarily rely on concentrated solar power (CSP) technologies, including parabolic trough

Solar Trough Plant

A solar trough plant is defined as a type of commercial solar thermal power facility that utilizes parabolic trough collectors to concentrate sunlight, generating steam to drive turbines for electricity production.



[Parabolic Trough Solar Collector:](#)



Stock Tanks at Tractor Supply Co.

Round Galvanized Steel Stock Tank, 6 ft. x 2 ft.
CountyLine 40 gal. Oval Galvanized Stock Tank,
2 ft. x 4 ft. x 1 ft. Behlen Country 1,117 gal.
Galvanized Round Tank, 10 ft. Rubbermaid
BRUTE 100 gal.



Troughs , Solar Dynamics LLC

By circulating molten salts inside the parabolic trough receivers, future parabolic trough solar fields can harness the considerable benefits of direct thermal



Working & Power

Learn how parabolic trough solar collectors work, their components, heat transfer fluids, and applications in solar thermal power and research



TROUGH Definition & Meaning

The meaning of TROUGH is a long shallow often V-shaped receptacle for the drinking water or feed of domestic animals. How to use trough in a sentence.



Parabolic Trough Solar Thermal Electric Power Plants

In addition, because parabolic trough technology is built from commodity materials such as glass, steel, and concrete, and standard utility power generation equipment, it is possible to scale-up and rapidly

[TROUGH , definition in the Cambridge English Dictionary](#)

Flour, water, shortening and yeast are mixed and set aside in a large trough where it rises and develops flavor.



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