

An ISO 9001 - 2000 Certified Company

SOLAR CONCENTRATORS



OUR RANGE OF PRODUCTS

LED STREET LIGHT

CONCENTRATORS

WATER HEATER

LED HOARDING

POWER PLANT

LANTERN



SOLAR CONCENTRATOR

Solar Concentrator consists of a cylinder parabolic reflector and a metal/Glass tube receiver at its focal plane. The receiver is blackened at the outside surface and is covered by concentrator and rotated about one axis to track the sun's diurnal motion. The heat transfer fluids flows through the absorber tube gets heated and then carries heat. Pressurized water or thermal oil is pumped /thermosyphoning through the field and is heated by the concentrated solar radiation to the required temperature. A buffer storage absorbs short term fluctuations of the solar radiation. The solar heat can be used for cooking, industrial process heat, electricity generation, air heating and other mid-temperature applications

TECHNICAL SPECIFICATIONS

Temperature range	: Upto 400°C
Pressure	: Upto 20 Bar
Steam Generator Flow	: Once - through or recirculation
Tracking	: Single/Dual Axis
Control	: Automatic/Computerized
Mounting	: Ground /Roof top

APPLICATIONS

- Canteens
- Enhanced oil recovery & Refining
- Chemical Processing & Refining
- Dairy (Pasteurisation of milk, Cheese manufacturing)
- Meat & Fish Processing
- Beverages (Bottling Plants, Breweries)
- Canneries (Fruit, Vegetables)
- Food Drying (Nuts, Fruits, Potato Chips)
- Rubber Plants – tire Manufacturing
- Textile and cloth Manufacturing
- Metal Surface treatment
- Industrial Scale laundry and linen whitening
- Saw Mills (Thermal treatment of wood), pulp and paper
- Pharmaceuticals
- Hospitals (autoclaves)
- Perfume and essence making (distilleries)

ADVANTAGES

- Reduce fuel consumption
- Reduce carbon emissions
- Meet corporate sustainability goals
- Cost-Effective, Emissions-Free Steam
- Direct Saturated and Superheated Steam Systems
- Engineered for Tough Environmental Conditions

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Business Associates

*Due to constant innovation, we reserve the right to change product specifications without prior notice.