

Green Energy

## SOLAR HOT WATER BOILER



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Solar radiation is the most abundant source of clean energy available. The simplest way to exploit this free energy is through the use of solar water heating systems. Solar hot water generation systems typically include a solar panel (also known as a collector), and a boiler or storage tank. The collector absorbs the solar radiation, which is transferred to the water in the form of thermal energy. The warm water produced in the collector is stored in a well-insulated boiler, ready for use. Stainless steels' light weight, high yield strength, earthquake resistance and impact properties make it a good choice for hot water boilers.

**Location** | ITALY

**Environment** | OUTDOOR

**Product** | COLD ROLLED SHEETS

**Fabrication process** | FORMING AND WELDING

**Grade/surface** | AISI 316L/444

**Material thickness/diameter**

**Weight**

**Competing material**

**Date of Completion**

**Manufacturer** | BASSI SRL

**Material Supplier** | THYSSENKRUPP ACCIAI SPECIALI TERNI SPA

**Source of Information** | CENTRO INOX

**Remarks**

