



Hot Oil Boiler

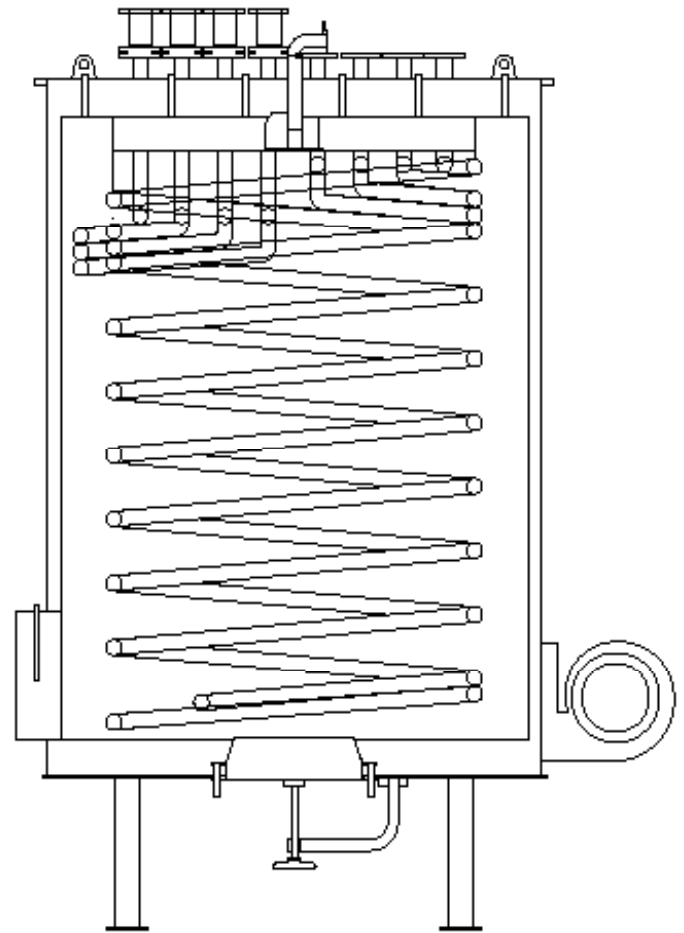
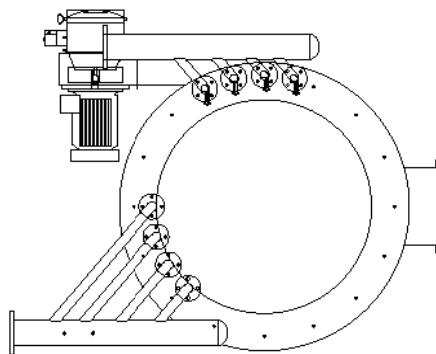
## PRODUCT INFORMATION



In industrial process heat generation, hot oil boilers are widely used. These boilers are an efficient and economical solution and are used to heat vehicles, autoclaves, cylinders, reactors, machines or other processes.

Isımsan produces vertical hot oil boilers which are worked through fuel-oil, diesel or natural gas and have a power reaching up to 2.000.000 kcal/h.

One of the technical features of Isımsan is the turbo-like air supply of the combustion chamber. Isımsan developed a method in which the incoming air was preheated by the heat that the hot oil boiler had before it reached the combustion chamber. With the help of this process technology, the efficiency of hot oil is increased by about 10%.



## CERTIFICATIONS

Isımsan manufactures plants individually and according to the following International directives and regulations:

- CE 2006/42/EC (machinery directive)
- CE 2014/29/EU (pressure vessel directive)
- CE 2014/68/EU (pressure vessel directive)
- ATEX product line 2014/34/EU
- EHEDG hygiene guidelines
- GMP (Good Manufacturing Practices)
- FDA (U.S. Food and Drug Administration)
- EAC (EuroAsia Conformity)

Isımsan is certified in terms of quality management (ISO 9001), environmental standards (ISO 14001), welding technology and supervision (ISO 3834 & 14731) and control technology (2006/42/EC).

# CONSTRUCTION DETAILS

## FEATURES

**Form:** cylindrical

**Material:** carbon steel S235JR

**Surface:** painted

**Pipes material:** carbon steel P235GH TC1

**Fuel:** fuel oil, natural gas, diesel

**Burner system:** depending on usage (proportional, short long flame)

**Turbo charged system:** 10 % boiler efficiency

**Max. heat:** 315 - 350 °C

**Pump pressure:** max. ~ 6 bar

**Control panel**

## OPTIONS

- PLC control system
- Instant automatic flue gas control system
- Steam production system in hot oil
- Degasser
- Back up oil pump
- Chimney (insulated, uninsulated)

## CAPACITY (kcal / h)

250.000	600.000	1.500.000
400.000	1.000.000	2.000.000





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