

BLOWTHERM BHP-EN SERIES

Low Pressure Steam Boiler Pmax. 12 bar

The BLP-EN high pressure steam boilers Pmax.0.98 bar have been designed, manufactured and certified according to the 97/23/EEC Directive (PED pressure equipment Directive).

SPECIFICATION

- High efficiency reverse flame combustion chamber
- Wide furnace with wet back
- Turbulators in AISI 430 stainless steel
- Easy maintenance thanks to the big front door and to the bolted smoke chamber
- totally dismantlable
- Thermo-insulation for combustion chamber in mineral wool
- Cover in glazed aluminum sheet
- Electrical Control panel for automatic working of the boiler

Burner: Unit furnished with burner, Electronic Ignition Controller, Ignition electrode, Ignition transformer, diesel pump with oil valves and interconnecting piping.

CE Gas train to include - Class A multi-block gas valve (slow opening single stage + safety valve), - Gas Pressure switch, - Gas Pressure reducer + filter. **CE-CT Gas train** (available on request) include - Class A multi-block gas valve (slow opening single stage + safety valve), - Valve proving system (control of gas leakage), - Gas Pressure switch, - Gas Pressure reducer + filter.

Fuel Options: Natural Gas, High-speed diesel oil, Heavy oil, Dual Fuel Oil/Gas Burners

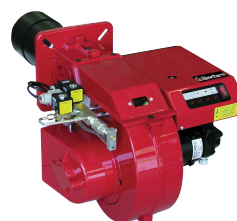
Controls & Accessories:

Standard Supply:

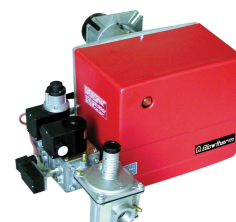
- Steam supply valve
- Safety sensors 2 Nos.
- Level control with sensors
- Safety valve/s
- Muds discharge valve
- Working Pressure switches 2 Nos.
- Safety Pressure switch
- Dial manometer with three-way cut-off cock
- Visual level indicator complete with cut-off and drain cocks 2 Nos.
- Feed Electro-pump with on-off valve and non-return valve
- Main control board for automatic working of the boiler
- Smoke thermostat

Options on Request

- Burner flange with correct mounting predisposition
- Stainless steel cover
- Second Feed Electro-pump
- Automatic Blow-down unit for muds
- Automatic Blow-down unit for muds with TDS (salinity) control
- Condensate collection tank
- Tube brush for tubes cleaning



OIL BURNER



GAS BURNER



OIL & GAS
BURNER

MODEL - BHP-EN	140	200	300	400	500	700	800	1000	1250	1500	1750	2000	2500	3000
Nominal Capacity kW	94	134	201	268	335	469	536	670	837	1005	1172	1339	1674	2009
Furnace Capacity kW	104	149	223	298	372	521	596	744	930	1117	1302	1488	1860	2232
Steam Production	140	200	300	400	500	700	800	1000	1250	1500	1750	2000	2500	3000
Empty Weight Kg	850	850	1220	1220	1470	1650	1820	1970	2230	2530	3150	3470	4650	5150

Feedwater 70°C - Pressure 0.98 bar