



## SPECIFICATION

**NAME : Heavy Oil Steam Boiler**

**FUEL : Heavy Oil**

**MODEL : ZH-2000H**



| Model          |                               |    | ZH-2000H             | ZH-2000HE | ZH-2000HE1       | ZH-2000HE2       |                  |                  |
|----------------|-------------------------------|----|----------------------|-----------|------------------|------------------|------------------|------------------|
| Performance    | Equivalent Output             |    | Kg/h                 |           | 2000             |                  |                  |                  |
|                | Heat Output                   |    | Kcal/h               |           | 1080000          |                  |                  |                  |
|                | Eating Surface Area           |    | m <sup>2</sup>       |           | 9.9              |                  |                  |                  |
|                | Max.Pressure                  |    | Kgf/cm <sup>2</sup>  |           | 10               |                  |                  |                  |
|                | Water Content                 |    | L                    |           | 163              |                  |                  |                  |
|                | Boiler Efficiency             |    | %                    |           | 88               | 90               | 92               | 94               |
|                | Water Preheater               |    | -                    |           | Yes              |                  |                  |                  |
|                | Combustion Type               |    |                      |           | TWO-STAGE        |                  |                  |                  |
|                | Fuel Consumption              |    | l/h                  |           | B137.7<br>C132.5 | B134.7<br>C129.6 | B131.8<br>C126.8 | B128.9<br>C124.1 |
|                | Electrical Powercapacity      |    | Kw                   |           | 19.8             |                  |                  |                  |
|                | Power Of Auxiliary Equipments |    | Water Pump Motor     |           | 3.7              |                  |                  |                  |
|                |                               |    | Exhausting Fan Motor |           | 7.5              |                  |                  |                  |
|                |                               |    | Injection Pump Motor |           | 0.4              |                  |                  |                  |
| Control Panel  |                               |    | 0.2                  |           |                  |                  |                  |                  |
| Electic-Heater |                               |    | 8                    |           |                  |                  |                  |                  |
| Product Weight |                               | Kg |                      | 2050      | 2100             | 2342             | 2392             |                  |
| Pipe Diameters | Fuel Inlet Dia                |    | mm                   |           | 25               |                  |                  |                  |
|                | Feed Water Inlet Dia          |    |                      |           | 40               |                  |                  |                  |
|                | Steam Outlet Dia              |    |                      |           | 65               |                  |                  |                  |
|                | Boiling-Water Drain Dia       |    |                      |           | 25               |                  |                  |                  |
|                | Safety Valve Dia              |    |                      |           | 25&32            |                  |                  |                  |
|                | Auto Blowdown Dia             |    |                      |           | 10               |                  |                  |                  |
|                | Chimney Dia                   |    |                      |           | ψmm              |                  | 360              |                  |
|                | Power Wire Inlet Dia          |    | mm <sup>2</sup>      |           | 22               |                  |                  |                  |
| Size           | Boiler Dimensions             |    | Length               |           | 1958             | 1958             | 1958             | 1958             |
|                |                               |    | Width                |           | 1908             | 1908             | 1908             | 1908             |
|                |                               |    | Heigth               |           | 2307             | 2307             | 2560             | 2687             |

### NOTES:

- 1.ZH- x x xH indicates heavy oil boiler.
- 2.Standard power is 3PH/220V/60HZ.Notice of change if any is required.
- 3.Fuel consumption is calculated at low heat value : B heavy oil 8910 kcal / l C heavy oil 9260 kcal / l .
- 4.Partial modification for improvement is allowed without notice.
- 5.The error allow value of boiler efficiency is ±1%.