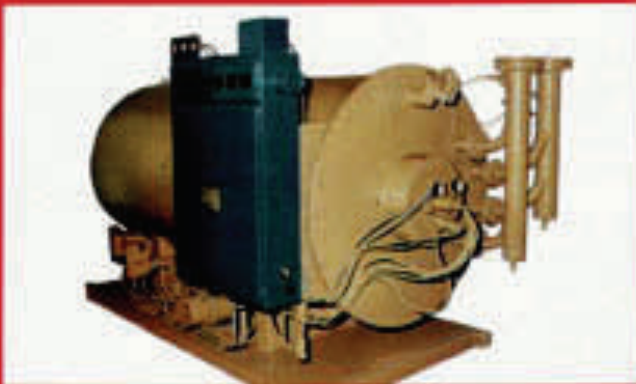


IMA BOILERS PVT.LTD.

FUEL EFFICIENT, VERSATILE & COMPACT PRODUCT RANGE - FIRED ON FO/LDO/HSD/GAS & SOLID FUELS

- ◆ NON IBR STEAM BOILERS
- ◆ WATER HEATERS
- ◆ PRESSURIESED WATER HEATERES
- ◆ THERMIC FLUID HEATERS
- ◆ AIR HEATERS
- ◆ WASTE HEAT RECOVERY HEATERS



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FO/LDO/HSD & GAS FIRED NON IBR STEAM BOILERS

SALIENT FEATURES

- Low initial & operational cost.
- Beyond perview of IBR.
- Steam at full pressure in two minutes of cold start.
- No explosion hazard.
- High efficiency 5-pass design.
- Space saver-Vertical package unit.
- Dependable parts with longer life.
- Easy and trouble free operation.
- Smokeless combustion.
- Peak Efficiency at even part loads.
- Wide temp. pressure setting range.
- Inbuilt HRU & HRU Bypass duct.

CONTROLS

- Electrical control panel box mounted on the boiler cell consists of contactors, relays and cut outs for blower, feed water pump and fuel pump. Burner programmer prepurging timer, ignition transformer, indicating lamps, temperature controller, pressure gauges, High & low pressure switches, manual control switches and power ON/OFF main switch

SAFETY

- Boiler shuts down giving an audio visual alarm in the event of low pressure high outlet temperature, low liquid level, erratic flame or flame failure.

BURNER

- Fully automatic down fire forced draught pressure jet ON/OFF control with audio visual alarm device in the event of flame failure or safety lockout.

Model	IS-100	IS-300	IS-400	IS-500	IS-600	IS-800
Steam output Kg/hr at 100° C	100	300	400	500	600	850
Steam Press. Kg/cm ²	15	15	15	15	15	15
Steam Temperature °C	205	205	205	205	205	205
Thermal Eff. On NCV	89%	89%	89%	89%	89%	89%
Fuel Cons. LDO/FO kg/hr	6.5	19.5	26	32.5	39	52
Ele. Load LDO/FO kw	1	1.5/4.5	2/5	2/5	2.5/8.5	2.5/8.5
Dry WT. Kgs	500	750	950	1000	1200	1600
Dimension (mm)						
Length	800	1000	1000	1200	1600	1800
Width	500	700	800	900	900	1000
Height	1000	1200	1200	1500	1600	2000

