



STEAMGEN & CONTROL SYSTEMS

IBR Steam Boilers/Heat Pumps/Steam Generators/Hot-Water Generators/ Thermic-Fluid Heaters.

<https://www.indiamart.com/steamgen-controlsystems/>, www.steamgenglobal.com

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GST no.07BOAPS9682H1ZD



SteamGen COMBISeries

The Steamgen Combi-Series boiler with its high performance and automatic modern styling confirms to the most exacting standards of safety, performance and efficiency. This boiler is manufactured with the latest engineering techniques, modern production equipment and with the expertise of highly skilled engineers and workers. The most critical parts used in Combi-series are the best.

The performance of Combi-Series depends not only on your own alertness and on familiarity with the Boiler and its components, but on its mechanical installation, running attention, and maintenance as well. Our efficient, highly qualified specially trained service personnel are available for guidance in installation, operation and maintenance of this boiler.

Operating Range

- Capacities: From 2 TPH to 10 TPH as Standard offerings and from 12 to 25 TPH as customised offerings
- Pressure: From 10.54 to 17.5 Kg/cm²
- Firing fuels: Low and high calorific value coal, bagasse, wood logs / wood chips, husk, biomass fuels, etc.

NOTE: We are using In-House Manufactured, Level Controls, Reflex Level Gauges and Gauge Glass Assemblies.

Technical specifications

Description	Unit	CPS-20	CPS-30	CPS-40	CPS-50	CPS-60	CPS-80	CPS-100
Capacity (F&A 100°C)	kg / hr	2000	3000	4000	5000	6000	8000	10000
Design Pressure (SVLOP)	kg / cm ² g	10.54 / 17.5						
Efficiency (APH / APH + WPH)		As per BS 845 Part 1 NCV Basis						
Husk / Husk Briquette	%	82 / 85						
Baggase / Baggase Briquette	%	80.5 / 84						
Lignite	%	81.5 / 84.5					NA	
Coal / Wood	%	82.5 / 85.5					NA	
Petcoke (Only with APH)	%	80						
Fuel		Husk / Coal / Lignite / Baggase / Wood / Petcoke						
Fuel firing system		Auto - Husk / Baggase / Petcoke, Manual - Wood / Coal / Lignite						
Combustion Grate		Stationary Grate / Bubbling Bed						
Fuel Consumption		APH / APH+ WPH						
Coal	kg / hr	304 / 294	457 / 441	609 / 588	761 / 734	913 / 881	NA	NA
Wood	kg / hr	449 / 428	674 / 642	898 / 588	1123 / 1070	1348 / 1285	NA	NA
Petcoke	kg / hr	169 / NA	253 / NA	338 / NA	422 / NA	506 / NA	675 / NA	844 / NA
Connected Electrical Load		With APH & MDC						
Coal / Lignite	kW	15 / 16	17 / 20	23 / 30	27 / 31	33 / 38	NA	
Wood	kW	22 / 23	24 / 27	33 / 36	44 / 48	48 / 52	NA	
Dimensions & Weight								
A X B X D	m	8X3.5X3.5	8.2X3.5X3.5	8.8X3.8X3.5	9.6X3.8X3.5	10.2X3.8X3.5	10.5X4.3X3.8	11.5X4.5X4
E X F X C	m	21.6X6.6X6	21.7X6.7X6	22.2X7.0X6.5	23.4X7.3X6.5	24X7.4X6.5	24.2X8.3X7.5	25X8.7X7.5
Chimney Top Diameter	mm	550	650	750	800	900	1050	1150
Dry Weight		10.54 / 17.5						
Boiler Shell	tonne	3.5 / 4	4.5 / 5	5.5 / 6.5	6 / 7	7 / 8	9.5/11.5	13 / 14
Furnace (Husk / Baggase / Lignite)	tonne	23	26.5	31	34	39	56	59
Flooded Weight		10.54 / 17.5						
Boiler Shell	tonne	7 / 7.5	9.5 / 10	11.0 / 12.0	12.5 / 13.5	14.5 / 15.5	19.5 / 21.5	27 / 28
Furnace (Husk / Baggase / Lignite)	tonne	23.5	27	32	35	40	57	60

Above mentioned weight and dimensions may vary with actuals. Please refer to offer document for more details.