



STEAMGEN & CONTROL SYSTEMS

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

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

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GST no.07BOAPS9682H1ZD



SteamGen WOODPAC Series

Steamgen Wood-Pack Series is a Three-pass, smoke tube boiler that can be fired on wood and optionally on oil. The boiler has a corrugated furnace all along its length. The front end and shell rear end is closed with the help of tube sheets. The flue tubes are fitted between the front and rear tube sheet. The flue tube opens into the smoke chamber. The pressure part consists of shell, tube sheets, valves & flanges, (In house Manufacturing of level gauge and Level Controls) feed water piping etc. Smoke chamber and the refractory door is mounted at front and rear respectively. Spirals are provided inside the smoke tube to improve the effectiveness of heating surface. The rear door when opened, gives total access to the furnace, smoke tubes and spiral agitator. The cylindrical boiler shell is fully covered with glass wool insulation and enclosed in sheet at site. Two electrically driven water pumps centrifugal multistage are mounted separately.

Product Features

- Low cost heating
- Integral furnace with spirals in the tubes – ENSURES high rate of heat transfer
- Hinged smoke chamber, making cleaning of tubes EASY, also facilitates settling of ASH
- Supplied with forced draft primary air fan
- Provided with secondary air ducting for complete combustion of wood
- Wood fired boiler
- Electrically driven water pumps

- Firing fuels : Wood & optionally oil
- PRESSURE Range: Up to 10.5 Kg/cm² (g) and 17.50 Kg/cm² (g)
- Capacity: 1 t/hr to 6t/hr

Technical specification

Product	Unit	WPS - 500	WPS - 750	WPS - 1000	WPS - 1500
Design Details					
Max steam output (F & A 100°C)	kg/h	500	750	1000	1500
Design Pressure (SVLOP)	kg/cm2 (g)	7	7	10.54	10.54
Dryness	%	97%			
Design Conformance		SIBR	IBR	IBR	IBR
Efficiency (NCV Basis)					
Imported Coal / Wood Chips / Briquettes	%	77%	80%	77%	77%
Biomass Pellets	%	78%	81%	78%	78%
Power Supply		415V AC, 50Hz, 3 Phase			
Connected Load					
With MDC	kW	8.7	8.7	10.1	12.3
Without MDC	kW	6.9	8.7	8.3	8.5
Overall Size of the Boiler					
Length	m	2.3	2.9	4.5	4.8
Width	m	3.5	4	3.9	4
Height	m	2.2	2.5	2.5	2.6
Dry Weight of the Boiler skid assembly	kg	3500	6700	6000	10000