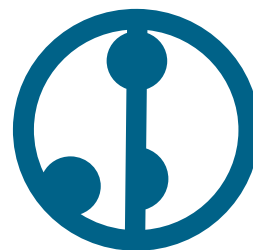


“SHANTI” ENERGY EFFICIENT SYSTEMS



SHANTI
BOILERS
Heating solutions

ABOUT US

Over three decades Shanti Boilers & Pressure Vessels P Ltd is one of the reputed names in the field of heating Boilers and heating systems. We are the first to manufacture boilers from the state of Andhra Pradesh. Our Management comprises of technically qualified people both at management levels and at the staff level. Our Business mission is to provide maximum efficiency and sustainable solutions in energy through our products.

Drawing on decades of experience in the process industry we customize integrated solutions for project requirements for a wide range of industries such as Drugs, Pharma, Chemicals, Plywood, Rice Mills, Paper, Dairy, Food Processing and many more areas where process activity is undertaken.

AGROFLAME

AGRO FLAME is specially designed equipment to suit Rice Millers & Agro based industries, where the waste is used as fuel for the boiler through pneumatically controlled conveying & firing system to achieve optimum combustion efficiency. Available heat is suitably balanced through heat transfer area to achieve optimum efficiency from Boiler.

The boilers are available in Top Feed & External Furnace designs.

AGROFLAME Boilers are available in a wide range from 1000 kgs/hr to 6000 kgs/hr (higher capacity also available on request). Working Pressure ranging from 100 PSI to 250 PSI (higher pressure also available on special request).

TECHNICAL SPECIFICATIONS OF 'AGROFLAME'							
Description	Unit	SBH-TF-100	SBH-TF-200	SBH-TF-300	SBH-TF-400	SBH-TF-500	SBH-TF-600
Capacity (F&A 100°C)	kg/hr	1000	2000	3000	4000	5000	6000
Design Pressure(SVLOP)	kg/cm ² g	10.54/17.5					
Efficiency(Husk)	%	80 (As per BS845 Part1 NCV Basis)					
Fuel		HUSK / COCONUT SHELLS / SAW DUST					
Fuel Firing System		Automatic (with Independent Fuel Feeding System)					
Fuel Consumption	kg/hr	275	455	695	925	1150	1390
Connected Electrical Load							
Standard Unit(without PCE)	HP	14	19	25	38	40	45
with MDC/TCDC	HP	14.5	19.5	26	39	41	46
Dimensions & Weight							
Unit Assembly(AxBxCxD)	m	4.0x2.5x2.9x1.8	4.9x3.4x3.4x1.9	5.4x4.7x3.9x2	5.9x5.2x4.1x2.2	6.6x5.7x4.1x2.6	7.4x7.3x4.6x3.1
Transport(ExFxG)	m	4.1x1.9x2.3	4.6x2.5x2.9	4.6x3.1x3.3	5.2x3.1x3.4	5.9x3.3x3.5	6.4x3.5x3.9
Layout (LxW)	m	10x8.0	11.4x9.0	10.6x11.7	17.0x11.5	22.0x9.5	22.2x9.7
Chimney Top Diameter	mm	400	500	600	700	850	900
Dry Weight(10.54/17.5)	Ton	7/8	11/12	16/19	18/22	28/32	32/37
Flooded Weight(10.54/17.5)	Ton	11/12	17/18	22/25	34/38	45/49	51/55

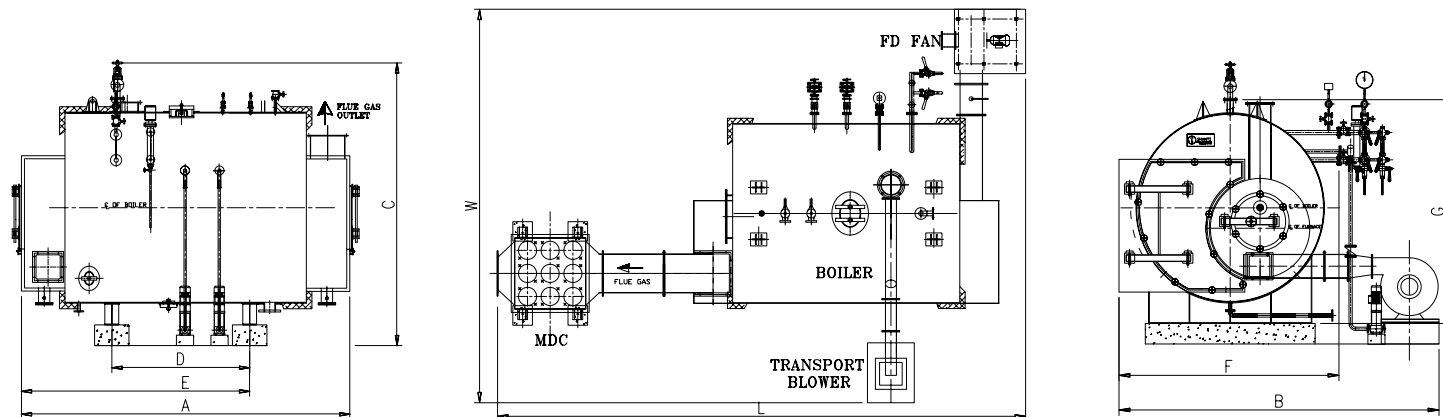
SALIENT FEATURES OF AGROFLAME BOILERS

- Optimally designed tube layout ensure smooth passage of flue gases and prevent choking / clinking at the tube ends. Further, it makes cleaning easy.
- Hinged cleaning doors are provided at front and rear ends of the boilers. These doors give easy access for inspection, cleaning and replacement of tubes.
- The boiler is supported on steel chairs and therefore requires no additional support at site.
- High efficient vertical stainless steel pumps
- High temperature stainless steel air nozzles
- Fully Automatic with all safeties and controls
- Radiation Shield on Front & Rear for the first time designed to provide Air Insulation
- Use of Durable, Efficient & World Class Mounting & Fittings
- Prompt After Sales with its Wide Network



SERVICE

All this backed by prompt and efficient pre and after sales service and manned by experienced and specially trained Engineers.



RADIATION SHIELD



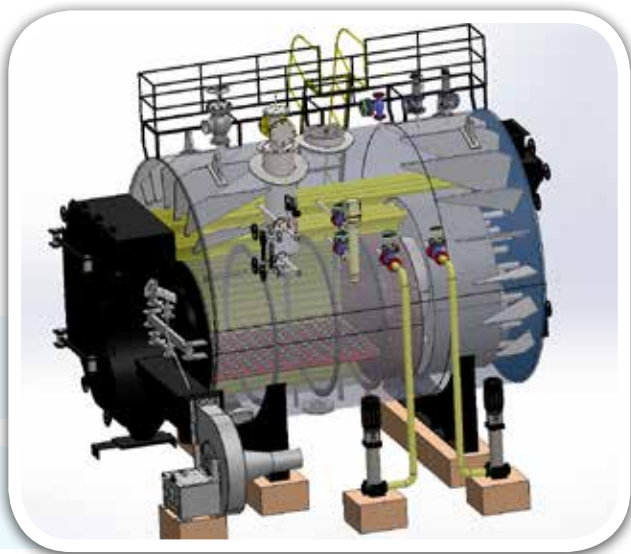
SS AIR NOZZLE



ENERGY EFFICIENT BOILER FEED PUMP

OUR PRODUCTS

- INDUSTRIAL BOILERS (Coal / Husk / Oil / Gas / Agro Fuels Fired)
- FLUIDIZED BED BOILERS (Coal / Husk / Agro Fuels)
- THERMIC FLUID HEATER (Coal / Husk / Oil / Gas / Agro Fuels Fired)
- MEMBRANE PANEL BOILERS
- BI - DRUM BOILERS
- WASTE HEAT RECOVERY SYSTEMS
- SMALL INDUSTRIAL BOILERS
- CO-GEN PLANTS
- POLLUTION CONTROL EQUIPMENTS (BAG FILTER /DUST COLLECTOR / WET SCRUBBER)
- INDUSTRIAL BLOWERS (ID & FD FANS , PA FANS)
- INDUSTRIAL BURNERS & BURNER SPARES
- PRESSURE VESSELS (AS ASME & IBR CODES)
- HEAVY FABRICATION OF BALANCE OF PLANT
- BOILER ERECTION & STEAM PIPING



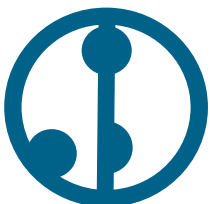
OFFICE / CHANNEL PARTNER

IN INDIA

VIJAYAWADA, VIZAG, BHUVANESHWAR, KOLKATTA, BANGALORE, MANGALORE, COCHIN, KANNUR, NASIK, MUMBAI

ABROAD

DHAKA, SRILANKA, MYANMAR, KENYA, GHANA, NIGERIA, DUBAI



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