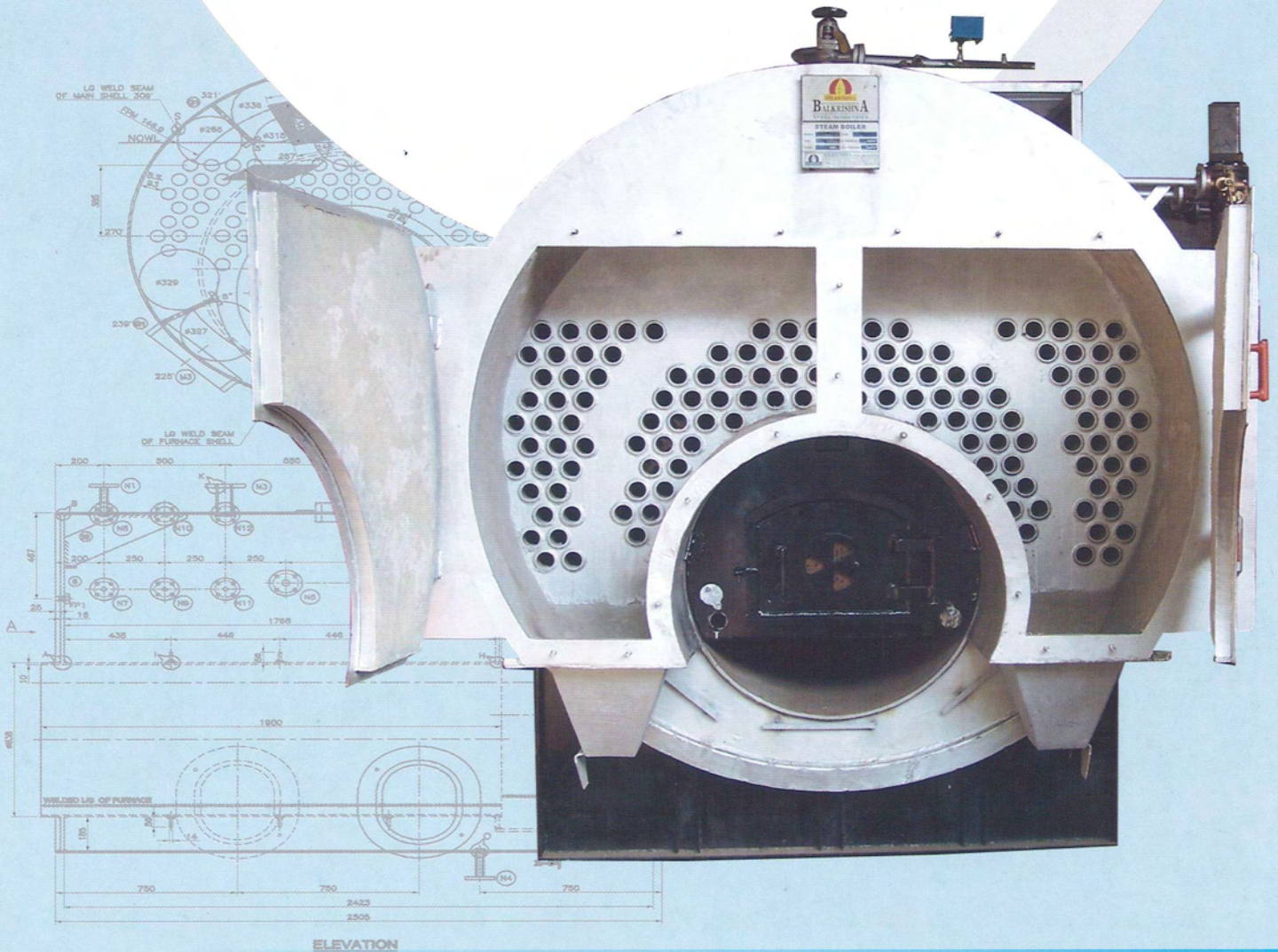


# PROCESS HEATING SYSTEM



## STEAMAX

3 Pass, Wet Back, Integral Furnace, Packaged, Multi Solid Fuel Fired Boiler

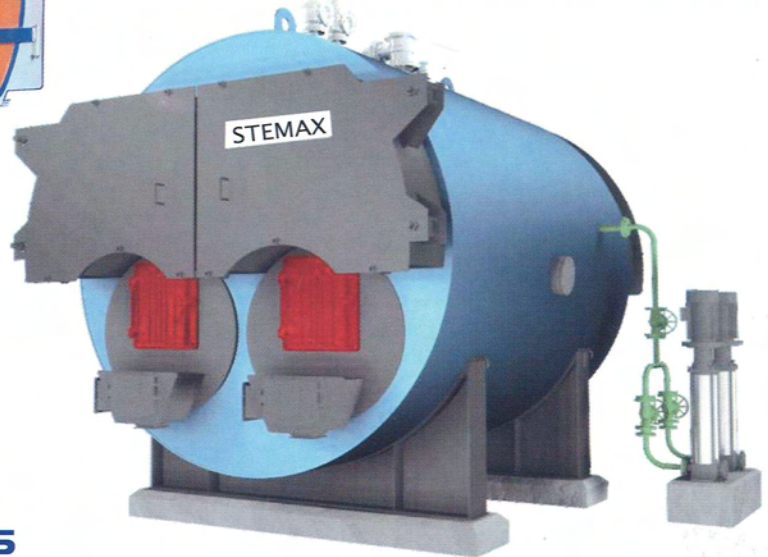
**Capacity Range**  
500 To 6000 Kg.

**Standard Design Pressure**  
10.54 to 17.58 Kg/cm<sup>2</sup> g



**SINGLE FURNACE**

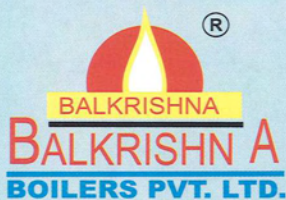
**DOUBLE FURNACE**



**Technical Specifications**

NO.	MODEL	UNIT	SM - 05	SM - 7	SM - 10	SM - 15	SM - 20	SM - 30	SM - 40	SM - 50
1	Steam output from & at 100*c	Kg/hr	500	750	1000	1500	2000	3000	4000	5000
2	H.T.A.	M2	20	30	40	60	80	120	160	200
3	Working pressure	Kg/cm2	10.54	10.54	10.54	10.54	10.54	10.54	10.54	10.54
4	Steam temperature	*c	186	186	186	186	186	186	186	186
5	Efficiency									
	on coal / lignite	%	76+/-2	76+/-2	76+/-2	76+/-2	76+/-2	76+/-2	76+/-2	76+/-2
	on wood	%	70+/-2	70+/-2	70+/-2	70+/-2	70+/-2	70+/-2	70+/-2	70+/-2
6	Type of fuel		coal		and wood		and lignite			
	Fuel consumption									
7	coal	Kg / hr	79	118	158	237	316	474	632	790
	Wood	Kg / hr	120	180	240	360	480	720	690	1200
	lignite	Kg / hr	118	177	236	354	472	708	944	1180
8	Electrical load									
	Feed water pump	H.P.	3	3	5	5	7.5	7.5	7.5	10
	F.D. fan (wood)	H.P.	1	2	3	5	5	7.5	7.5	10
	I.D. fan	H.P.	3	5	5	7.5	10	15	20	25
	Total Ele. load	H.P.	7	10	13	17.5	22.5	25	35	45
9	No. of pass		Three	Three	Three	Three	Three	Three	Three	Three
10	Required area									
	length	M.M.	2600	3000	3300	4000	4350	4700	4800	4800
	width	M.M.	1800	1800	2100	2200	2400	2600	3300	3600
	Height	M.M.	2000	2000	2250	2400	2600	2900	3600	4000
11	No of furnase		One	One	One	One	One	One	Two	Two
12	Great area	M2	0.85	.95	1.25	1.7	2.2	2.9	4.15	5.7
13	Steam outlet	M.M.	40	50	50	80	80	100	100	150

● GCV for coal is 4500 Kcal/KG ● GCV for Lignite is 3000 Kcal/KG ● GCV for Wood is 3200 Kcal/KG ● GCV for Husk is 2800 Kcal/KG



**BALKRISHNA BOILERS PVT. LTD.**

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- Steam Accessories

Note : In view our constant endeavors to improve of our products, we reserve the right to alter or change specification without prior notice