

VERTISA VSB SERIES STEAM BOILERS



OUR PRODUCTION

- ← Liquid and gas fired steam boilers
- ← Solid-fuel boilers (Coal, Wood pellets)

Flame pipe structure, highly efficient, fully cylindrical 3 PASS Scotch-type boilers have large water volumes in order to meet sudden steam injections.

3 Pass scotch type boilers are preferred in the steam production industry due to their ease of maintenance and high efficiency . All design and manufacturing is in accordance with CE and DIN EN norms.

CONSTRUCTION

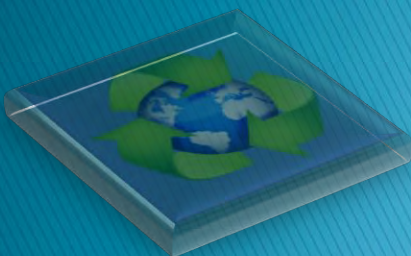
- ← Pressure-resistant body.
- ← Optimal dimensioning of gas transit.
- ← Large volume of quality vapor steam.
- ← Water cooled fire chamber.
- ← Morrison-type full-size corrugated furnace.

MATERIAL

- ← Boiler shells, mirrors, furnace and Fire sheets comply with DIN EN 10028 norms.
- ← Boiler seamless steel pipes comply with DIN 17175 Norms

BOILER CAPACITY

- ← 100 kg/h- 7.000 kg/h steam production.
- ← Description: Three-Pass Steam Boiler
- Type: cylindrical, half-cylindrical
- ← Capacity: 100 kg/h – 7.000 kg/h
- ← Diameter: 1000 mm - 2200 mm
- ← Operating Pressure: 4.0 - 6.0 bar
- ← Test Pressure: 6 - 10 Bar
- ← Material: P235GH, 6337 -6341
- ← Fuel Type: Diesel, Natural Gas, LPG, LNG, CNG, Coal
- ← Smoke pipes: St 35.8 comply to DIN 2448
- ← Insulation: 80 kg/m 10 cm glass wool coated with galvanized or stainless steel sheet
- ← Warranty: 1 year (2 years optional)



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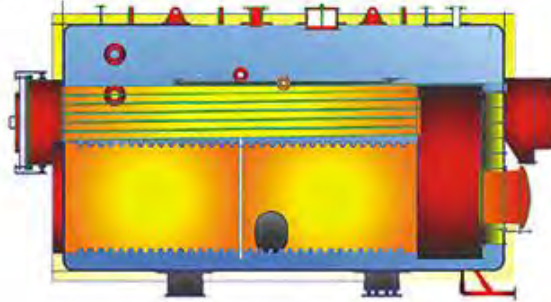
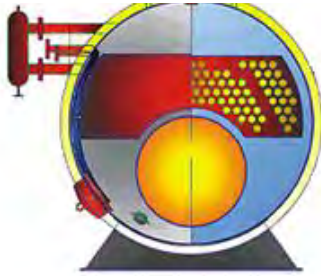
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VERTISA

ÇEVRE TEKNOLOJİLERİ
İnşaat Reklam Danışmanlık İth. İhr. San. ve Tic. Ltd. Şti.



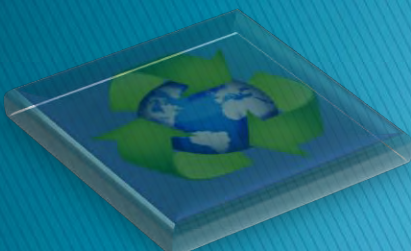
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N°	MODEL	WEIGHT	VOLUME AND STEAM PRODUCTION CAPACITY		ELECTRICAL REQUIREMENT	CAPACITY		ENERGY	
			WATER (LT)	STEAM (KG/H)		SOLID FUEL	LIQUID FUEL	KW	kCal/H
		KG			KW	KG/H	KG/H	KW	kCal/H
1	VSΒ 5	900	460	130	3,2	130	170	85	74.000
2	VSΒ 10	1.300	720	195	5,0	260	340	171	146.000
3	VSΒ 15	2.000	1.150	295	8,0	390	510	256	220.000
4	VSΒ 20	2.500	1.421	420	9,9	520	680	341	294.000
5	VSΒ 25	2.800	1.650	660	11,5	650	850	426	366.000
6	VSΒ 30	3.200	1.985	680	13,9	780	1.020	512	440.000
7	VSΒ 35	3.600	2.443	700	17,1	910	1.190	597	514.000
8	VSΒ 40	3.900	2.63	740	18,4	1.040	1.360	682	587.000
9	VSΒ 45	4.200	2.697	1.100	18,9	1.170	1.530	768	660.000
10	VSΒ 50	4.550	3.250	1.150	22,7	1.300	1.700	853	740.000
11	VSΒ 55	4.950	3.800	1.220	26,6	1.430	1.870	938	806.000
12	VSΒ 60	5.400	3.850	1.250	26,9	1.560	2.040	1.023	880.000
13	VSΒ 65	5.700	3.940	1.300	27,6	1.690	2.210	1.109	953.000
14	VSΒ 70	6.200	4.040	1.350	28,3	1.820	2.380	1.194	1.030.000
15	VSΒ 75	6.600	4.210	1.410	29,4	1.950	2.550	1.279	1.100.000
16	VSΒ 80	6.900	4.480	1.470	31,3	2.080	2.720	1.365	1.173.334
17	VSΒ 90	7.400	4.700	1.530	32,9	2.340	3.060	1.535	1.320.000
18	VSΒ 100	7.600	4.950	1.550	34,6	2.600	3.400	1.706	1.466.667
19	VSΒ 110	7.900	5.120	1.590	35,8	2.860	3.740	1.876	1.613.334
20	VSΒ 120	8.800	5.400	1.620	37,8	3.120	4.080	2.047	1.760.000
21	VSΒ 125	9.000	5.830	1.660	40,8	3.250	4.250	2.132	1.833.334
22	VSΒ 130	9.300	6.000	1.720	42,0	3.380	4.420	2.217	1.906.667
23	VSΒ 140	9.700	6.075	1.760	42,5	3.640	4.760	2.388	2.053.334
24	VSΒ 150	10.150	6.150	1.950	43,0	3.900	5.100	2.559	2.200.001
25	VSΒ 175	11.000	6.280	2.100	43,9	4.550	5.950	2.985	2.566.667
26	VSΒ 200	12.100	6.400	2.250	44,8	5.200	6.800	3.411	2.933.334
27	VSΒ 225	12.900	7.000	2.320	49,0	5.850	7.650	3.838	3.300.001
28	VSΒ 250	13.700	7.750	2.400	54,2	6.500	8.500	4.264	3.666.668
29	VSΒ 275	14.600	9.000	2.560	62,9	7.150	9.350	4.691	4.033.334



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