



BETAKAZAN
BETA KAZAN Boiler Company



BST MODEL

Liquid-Gas Fueled Three Pass Steam Generator

Technical Specifications

Your Industrial Energy Strength



www.betakazan.com



Company Profile

With a solid 15 years' experience in the industry, **BETA KAZAN Boiler Company** offers energy solutions for domestic and industrial applications of all sizes thanks to its extensive portfolio and activities that include steam, hot water and hot oil boilers, solid fuel and waste burning systems, heat exchangers, feed water preparation systems, chimney filtration systems and dust collection.

BETA KAZAN Boiler Company is dedicated to swiftly fulfill its commitments, even amidst competitive market conditions, as well as to fully meet customers' expectations while offering top tier services thanks to its professional team, consequently establishing the company as a trusted partners in more than 500 projects both locally and internationally.

All **BETA KAZAN Boiler Company's** products are built in the capital Ankara which makes it easy to deliver at all kinds of points throughout the Middle East, Eastern Europe and Western and Central Asia.

BETA KAZAN Boiler Company is proud to be certified in TS EN ISO 9001, reflecting its commitment to quality management; TS EN ISO 14001, demonstrating its dedication to effective environmental management; and TS EN ISO 45001, showcasing its focus on maintaining a safe and healthy work environment. These certifications affirm the company's adherence to top international standards in quality, sustainability, and occupational health and safety.

BETA KAZAN Boiler Company is an honorable member of:



**Boiler and Pressure Vessel
Industrialists Association**



**Turkish HVAC&R
Exporters Association**

BST BUHAR JENERATÖRÜ (Alev Duman Borulu, Üç Geçili Skoç Tip) STEAM GENERATOR (Flame Smoke Pipe, Three-Pass Scotch Type)



Küçük su hacmi sayesinde güvenli daha çabuk rejime girerek gereksiz enerji sarfiyatı engellenir.

Kısa sürede su miktarı ile doğru orantılı olarak istenilen basınçta prosesin ihtiyaç duyduğu buharı güvenli ve ekonomik olarak üretir.

Paket sistem olarak üretilmektedir. Az yer kaplar, ekonomiktir.

Buharla sürüklenen su zerrecikleri jeneratör içerisinde standart olarak bulunan seperatörde tutularak prosese kuru buhar gitmesi sağlanmaktadır.

Optimum ısıtma yüzeyi sayesinde daha kuru buhar üretmektedir.

Yüksek yoğunluklu optimum izolasyon malzemesi kullanımıyla ısı kayıpları minimum düzeye indirgenerek kazan verimi artırılmaktadır.

Talebe göre ister PLC ister analog kontrol sistemi ile çalışabilme.

Ağır hizmet koşullarına göre tasarlanmış özel uzun ömürlü dizayna sahiptir.

Bakım kolaylığı sağlayan iç dizaynı ile uzun yıllar hizmet için üretilmiştir.

Thanks to the small water volume, unnecessary energy consumption is prevented by entering a safer regime more quickly.

It produces the steam needed by the process, at the desired pressure, in direct proportion to the amount of water, safely, economically and in a brief time.

It is produced as a package system. It takes up little space and is economical.

The water particles entrained by the steam are kept in the separator in the generator as standard, and dry steam is supplied to the process.

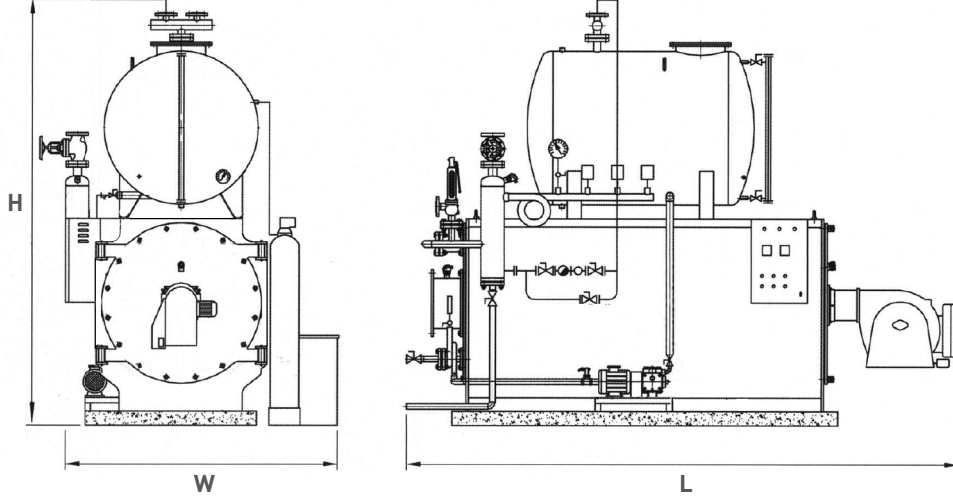
It produces drier steam thanks to its optimum heating surface.

With the use of optimum insulation material with high density, heat losses are reduced to a minimum and boiler efficiency is further increased.

It has the ability to work with PLC or analog control system according to demand.

It has a special long-lasting design designed for heavy-duty conditions.

It has been produced for many years of service in mind with its interior design that provides ease of maintenance.



Buhar Jeneratörü Teknik Bilgiler Steam Generator's Technical Information

Model Model	Buhar Kapasitesi Steam Capacity (kg/h)	Isıl Kapasite Heating Capacity		Genişlik Width W (mm)	Uzunluk Length L (mm)	Yükseklik Height H (mm)	Baca Çıkış Çapı Chimney Outlet Diameter ø (mm)
		(kcal/h)	(kW)				
BST-200	200	120.000	140	1.300	1.830	1.600	200
BST-300	300	180.000	209	1.340	1.830	1.750	250
BST-400	400	240.000	279	1.340	2.150	1.750	300
BST-500	500	300.000	348	1.450	2.150	2.000	300
BST-600	600	360.000	419	1.500	2.450	2.000	350
BST-750	750	450.000	523	1.570	2.680	2.050	400
BST-1000	1.000	600.000	698	1.670	2.930	2.200	400
BST-1250	1.250	750.000	872	1.730	3.200	2.300	400
BST-1500	1.500	900.000	1.047	1.790	3.500	2.350	400
BST-1750	1.750	1.050.000	1.221	1.850	3.550	2.400	450
BST-2000	2.000	1.200.000	1.395	1.950	3.550	2.450	500
BST-2500	2.500	1.500.000	1.744	2.200	3.600	2.750	500
BST-3000	3.000	1.800.000	2.093	2.350	3.600	3.100	550

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