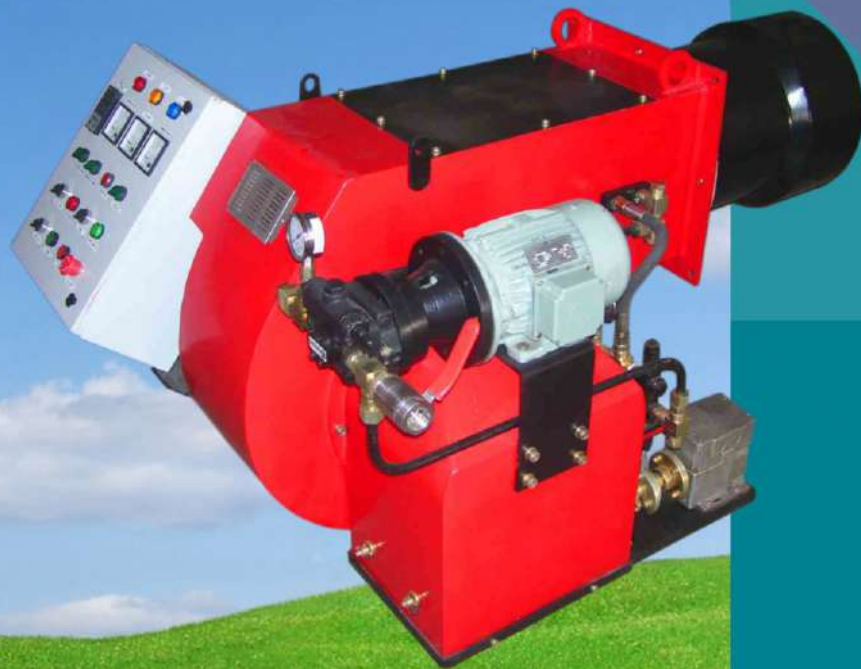




BurnerIndia

PRODUCT PROGRAM



www.burnerindia.com
www.burnerindia.in





About Us

Burner India, incepted in 2001, led by Mr. Vinesh Bhatia a Technical Entrepreneur with over 25 years of expertise in the Heating Industry. With 24,000+ installations worldwide, we serve industries like Asphalt, Boilers, Food, Chemicals, Printing, Metal, Bakeries, Cement, Plywood, Textile, Sand Drying, and more. Our state-of-the-art facilities in Gujarat span 45,000 sq. ft. across three units, equipped with advanced machinery like Plasma Cutting, MIG/Arc Welding, Lathe Machines, EOT Cranes, and Test Beds. We are an ISO 9001:2015 & CE Certified company, committed to stringent quality assurance from raw material procurement to final dispatch. With 100+ professionals in Marketing, Engineering, Services, and Logistics, we provide PAN-India and global support, backed by a strong service and spares network. Recognized as the Most Tech-Savvy **MSME of India (2019)**, Burner India is also a pioneer in Biomass Pellet, Bio-Gas, and Bio-Oil Burners, reaffirming our commitment to innovation and green energy solutions.

Mission and Morales

"You have right to perform your action, but you are not entitled to the fruits of the actions."

"Do not let the fruit be the purpose of your actions, and therefore you won't be attached to not doing your duty."

"Sermon by Lord Shree Krishna
In 47th verse in II nd chapter
of the HOLY BHAGAWAD GITA."

कर्मण्येवाधिवास्ते मा फलषु व्यदा चन
मा व्यसक्त्यस्तुभूमा ते भद्रोऽस्त्वकर्मणि

Our Product Portfolio



In the modern age, Energy, Efficiency and Environment shall become a key to the sustainable eco-system. Burner India, a future ready Heating Solution Provider, understands the responsibility of playing a significant role in R & D, Design, Manufacturing and adding intelligent brain to optimise combustion for Clean, Green and Better Tomorrow. With Commitment towards our Motto, we have introduced use of Biomass Burners as renewable energies.

Our Burners and other Heating Systems are known for their perfect adaptability to the system on which they are installed. Quick Installation and Lightning Fast Service Backup are the feathers on the crown.

Product Features

- Application centered innovative products meeting customer requirements
- All Products are backed by in-depth R & D
- Exceptional manufacturing facilities for a world Class Products
- Efficient, Reliable and Durable Product Line
- Environment Friendly Products
- Lightning-Fast Service Back Up

Our Oil, Gas and dual fuel burners, Biomass Pellet Burners, Heating Systems and other Heating Equipment are fully automatic and safe. All our equipment has intelligent control system for easy operation and focus on environmental care.

All our Burners are fully automatic and can be operated on various fuels such as light fuel oil, gas, or both. The burners feature stage wise capacity regulation. Mechanical/Electronic modulating regulation. Control automation is integrated into the burners can be accessed or managed from Remote Locations.

OPERATING FUEL RANGES

Oil & Gas Burners:

Liquid Fuel Includes	Gaseous Fuel Includes	Dual Fuel Combination of
☑ Light oil	☑ Natural gas	☑ Liquid/Gas
☑ Heavy fuel oil	☑ LPG	☑ Liquid/Liquid
☑ Pyrolysis Oil	☑ Bio Gas	☑ Liquid/Gas
☑ Bio Oil	☑ Growing up for H2	

Biomass Burners

- Biomass Pellets
- Cashew Shell

Fuel for Thermic Fluid Heaters

- Bio-waste
- Rice Husk
- Wood
- Coal
- Cashew Shell
- Any Combination of Liquid & Gaseous Fuels

Burners and Other Equipment, using other fuels are available on request.

Our Journey



Still Counting...

2021

Prestigious
CE Certification
for All the
Product Range

2023

1MW & 2MW
Biomass Burner-
Biggest in India

2024

Major Export
to MENA
Region

2025

Participated in
Biggest
Heating Show
ISH, Germany

2020

25,000 Sq.Ft
Space,
powered by
Sun

2020

Marketing
Office in
Ahmedabad

2019

Awarded As
Most Tech
Savvy MSME
of India

2016

Solid Fuel Fired
Thermic Fluid
Heaters

2015

Industrial Range
of Pellet Burners
up to 500KW

2014

Oil & Gas
Fired Thermic
Fluid Heaters

2013

Pioneer of
Biomass Pellet
Burners for
Indian Market

2010

Dual Fuel
Burners for
Asphalt Plants

2009

10000 Sq.Ft.
space in
Ahmedabad

2008

32MW Burner
for a Cement
Plant

2007

10000 Sq.Ft. &
team size to
50 people

2006

14MW
Modulating
Burner for
Asphalt Plant

2001

1500 Sq.Ft.
rented space
with a team of
5 people

2003

Service
operations in
New Delhi

2004

Permanent
space of 5000
Sq.Ft. with a
team of 20
people

2005

6MW Burner
for Asphalt
Plant

Applications Areas



Printing



Infrastructure



Pharmaceuticals



Metal Melting



Boiler



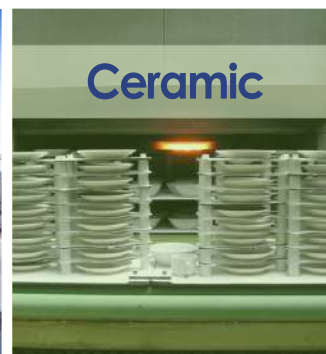
Power Plant



Dairy & Food



Cement



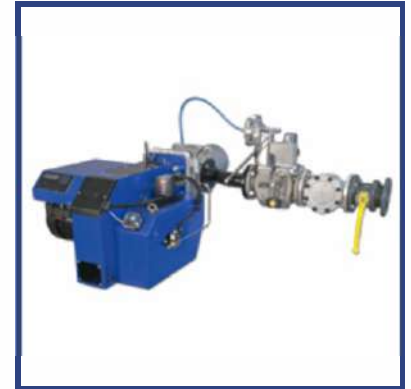
Ceramic

SINCE 2001

For All Climates Around The World

Energy With Efficiency For the Environment

Mono Block Series



- Multiple fuel options with different combinations available – Suitable for Light Oil/LPG/NG/Bio-Gas.
- Compact construction so, requires Less space.
- Aluminium casing / Steel casing.
- Electrical control panel on the burner or switch cabinet integrated or in loosen form.
- Adjustable combustion head for fine matching with different shapes of the chamber.
- Gas pilot flame as an option for higher capacities.
- Hi-Low version with Hydraulic Ram/Electrical servomotor with two or three nozzles.
- Mechanical or Electronic Regulation - Modulating version with PID system controller with digital set point display and real time Access.
- Progressive or modulating nozzle with flow return.
- Easy maintenance by hinge flange or by a sliding bar system
- Self-cleaning filter and Pumping Unit or/and Gas Trains with VPS and flow meter.
- Special version for any types of application and fuel features characteristics on request.
- Ring systems for oil heating can be supplied on request.



X-Series (50 kW to 1165 kW)

Model	BI.Q1.X	BI.H1.X	BI.O1.X	BI.X1.X	BI.X2.X	BI.X3.X
MIN. (kW)	50	100	120	155/180	200/260	290/390
MAX. (kW)	100	200	350	470/560	795	1165
STAGES	1	1	1	1/2/M	2/M	2/M
MODULATION	N	N	N	Y	Y	Y
FUEL	L/G	L/G	L/G/D	L/G/D	L/G/D	L/G/D

#Bio Gas version available on request

#Gas train Supplied on Request

N = No, Y = Yes

L = Light Oil, H - Heavy oil

G - Gas, D - Dual Fuel (L/G)

E-Series (600 kW to 10000 kW)

Model	BI.02.E	BI.03.E	BI.3X.E	BI.04.E	BI.4X.E	BI.06.E	BI.6X.E	BI.08.E	BI.10.E
MIN (kW)	600	425/600	560/850	720/1100	850/1300	1070/1600	1300/2000	1750/2600	2625/3500
MAX(kW)	1200	1700	2500	3200	3800	4800	5800	7800	10000
STAGES	2/M	2/M	2/M	2/M	2/M	3/M	3/M	M	M
MODULATION	Y	Y	Y	Y	Y	Y	Y	Y	Y
FUEL	L/G/D	L/G/D	L/G/D	L/G/D	L/G/D	L/G/D	L/G/D	L/G/D	L/G/D

#Bio Gas version available on request

#Gas train Supplied on Request

N = No, Y = Yes

L = Light Oil, H - Heavy oil

G - Gas, D - Dual Fuel (L/G)

Duo - Block Series



Oil / Gas Burner

Dual Fuel Burner



Gas Train

- Serves variety of applications like Boilers, Thermic Fluid Heaters etc.
- "Multiple fuel options with different combinations available - Suitable for Light Oil/ Heavy Oil/LSHS/Pyrolysis Oil/LPG/NG/Bio-Gas/Producer Gas.
- Low Nox versions available on request.
- Steel casing with different orientations of burner mouth and / or FD Fan.
- Adjustable combustion head for fine matching with different shapes of the chamber.
- Hi-Low version with Hydraulic Ram/Electrical servomotor with two or three nozzles.
- Modulating version with PID controller with digital set point display and real time access.
- Progressive or modulating nozzle with flow return.
- Easy maintenance by hinge flange or by a sliding bar system.
- Electrical control panel on the burner or switch cabinet integrated or in loosen form.
- IOT based Choice of different controllers – AUTOFLAME/ SIEMENS/ PLC.
- IOT based Remote monitoring and control with SCADA integration.
- Self-cleaning filter and Pumping Unit or/and Gas Trains with VPS and flow meter.
- Special version for any type of application and fuel features characteristics request.
- Ring system for oil heating/preparation can be designed and supplied on request.

Burner DB Series



MODEL	BI.X1.D	BI.X2.D	BI.X3.D	BI.02.D	BI.03.D
MIN.(kW)	180	261	380	459	590
MAX.(kW)	550	795	1200	1400	1800
STAGES	2/M	2/M	2/M	2/M	2/M
FUEL	L/H	L/H	L/H	L/H/G/D	L/H/G/D

MODEL	BI.3X.D	BI.04.D	BI.4X.D	BI.06.D	BI.6X.D
MIN.(kW)	820	1049	1311	1639	1770
MAX.(kW)	2500	3200	4000	5000	5400
STAGES	2/M	2/M	2/M	2/3/M	2/3/M
FUEL	L/H/G/D	L/H/G/D	L/H/G/D	L/H/G/D	L/H/G/D

MODEL	BI.07.D	BI.7X.D	BI.08.D	BI.8X.D	BI.8Y.D
MIN.(kW)	1967	2295	2623	2836	3115
MAX.(kW)	6000	7000	8000	8650	9500
STAGES	2/3/M	2/3/M	M	M	M
FUEL	L/H/G/D	L/H/G	L/H/G/D	L/H/G/D	L/H/G/D

MODEL	BI.10.D	BI.12.D	BI.15.D	BI.18.D	BI.20.D
MIN.(kW)	3607	4262	4754	5902	6803
MAX.(kW)	11000	13000	14500	18000	20750
STAGES	M	M	M	M	M
FUEL	L/H/G/D	L/H/G/D	L/H/G/D	L/H/G/D	L/H/G/D

MODEL	BI.22.D	BI.25.D	BI.28.D	BI.32.D
MIN.(kW)	7213	8197	9016	10492
MAX.(kW)	22000	25000	27500	32000
STAGES	M	M	M	M
FUEL	L/H/G/D	L/H/G/D	L/H/G/D	L/H/G/D

#Bio Gas version available on request

#Gas train Supplied, on Request

ECR/MCR Modulation for all models, on Request

(Blower, Pumping, Heating Unit) Gas train, Control Panel Offered on Request

L = Light Oil, H - Heavy oil

G - Gas, D - Dual Fuel (L/G)

Asphalt Series



Asphalt Drum Mix

Asphalt Batch Mix



Asphalt Drum Mix

Dedicated to Asphalt Industry

- Series dedicated to emerging and conventional needs of Asphalt Industry.
- Serves Drum Mix, Batch Mix, Counter Flow, RAP plants – up to 600 TPH, Bitumen Heating, Thermic Fluid Heating and Decanting Processes.
- Multiple fuel options with different combinations available – Suitable for Light Oil/ Heavy Oil/LSHS/Pyrolysis Oil/LPG/NG/Bio-Gas.
- Aluminium casing / Steel casing.
- Electrical control panel on the burner or switch cabinet integrated or in loosen form or Controls integrated with Main Plant Panel.
- Gas pilot flame as an option for higher capacities.
- Hi-Low version with Hydraulic Ram/Electrical servomotor with two or three nozzles.
- Mechanical or Electronic Regulation - Modulating version with PID system controller with digital set point display and real time access.
- Self-cleaning filter and Pumping Unit or/and Gas Trains with VPS and flow meter.
- Ring systems for Furnace oil heating can be supplied on request.
- Backed by strong network of Asphalt Plant industry by Serving more than 80 % of OEM's.

Burner Technical Data

Standard Model	BI.2.A	BI.3.A	BI.4.A	BI.6.A	BI.7 (Duct Line)	BI.8 (Duct Line)	N Type		
Economy Model	BI.2.E	BI.3.E	BI.3X.E	BI.4X.E	BI.6X.E	BI.7.E	BI.10	BI.15	BI.20
Plant	DM-25	DM-35	DM-45	DM-50	DM-60	DM-65	BMX 120	BMX 160	BMX 240
Max Output	25 TPH	35 TPH	60 TPH	90 TPH	120 TPH	140 TPH	120/140 TPH	160/180 TPH	240/260 TPH
Power (kW)	1305/1200	1840/1700	3145/2500	4510/3800	6525/5800	7575/7500	11000	14000	19000
LPH (LDO)	100	150	250	350	550	650	800	1025	1450
Blower	2 HP	3 HP	5 HP	10 HP	15 HP	20 HP	20 HP	25 HP	30 HP
Pump	1 HP	2 HP	2 HP	2 HP	3 HP	5 HP	5 HP	5 HP	7.5 HP
Stages	2/3	2/3	2/3	2/3	2/3	2/3	M-Z	M-Z	M-Z
Modulation	Optional in equivalent Models of B Series						Mechanical or Electronic		

Special Application Burner



Long Nose Burner

Bio Gas



Multi Fuel

- Multiple fuel options with different combinations available – Suitable for Light Oil/ Heavy Oil/LSHS/Pyrolysis Oil/LPG/NG/Bio-Gas/Producer Gas.
- Designed to fit the customer needs.
- Aluminium casing / Steel casing.
- Electrical control panel on the burner or switch cabinet integrated or in loosen form.
- Adjustable combustion head for fine matching with different shapes of the chamber.
- Gas pilot flame as an option for higher capacities.
- Hi-Low version with Hydraulic Ram/Electrical servomotor with two or three nozzles.
- Mechanical or Electronic Regulation - Modulating version with PID system controller with digital set point display and real time access.
- Progressive or modulating nozzle with flow return.
- Easy maintenance by hinge flange or by a sliding bar system.
- Self-cleaning filter and Pumping Unit or/and Gas Trains with VPS and flow meter.
- Special version for any types of application and fuel features characteristics on request.
- Ring systems for oil heating can be supplied on request.

Burner Accessories



Biomass Pellet Stove



Industrial Stove

Namkeen Stove



Pellet Stove

Biomass Pellet Stoves are offered as an option for FO, Diesel or Gas based system, Burning Solid Bio-Fuel, which is Economical, Carbon Neutral, Green and Sustainable. Ideal for small scale commercial as well as industrial applications. Stove is equipped with an automatic control mechanism to work according to the system requirement. Established presence in Food - Namkeen/ Chips/ Snacks/ Fryums/ Dal Mill, and many more.

Features

- Auto Temp Control
- With/Without Attachment
- Double Ash Cleaning Door
- Kadai/Vessel Range from 18" -60"

Industries

- Frying
- Community Kitchen
- Hostel
- hotel
- Dal Mill

▪ Stove Specification ▪

Model	Capacity - Kcal/Hr		Consumption
Unit	Minimum	Maximum	Kg/Hr
BI.005.S.M.V	20,000	50,000	05-12
BI.008.S.M.V	30,000	80,000	07-20
BI.010.S.M.V	40,000	100,000	10-25
BI.015.S.M.V	50,000	150,000	12-37
BI.020.S.M.V	70,000	200,000	15-50
BI.030.S.M.V	100,000	300,000	20-75

#Vertical Flame #Multi-Fuel

Biomass Pellet Burner



Small Industrial Burner

Industrial Burner



Vertical Flame Burner

Biomass Pellet Burner are offered as an option for FO, Diesel or Gas based system, Burning Solid Bio-Fuel, which is Economical, Carbon Neutral, Green and Sustainable. Ideal for large scale commercial as well as industrial applications. Burner is equipped with automatic control mechanism to work according to the system requirement and provide real time data for monitoring. Established presence in Food, Chemical, Pharmaceutical, Asphalt, Packaging, Metal, Hospitality and many more.

Features

- Auto Temp/Pressure Control
- Auto Ignition
- Auto Ash Cleaning (Optional)
- Touch Screen HMI (Optional)

Suitable Equipment

- Boiler/Thermic Heater
- Melting Furnace
- Namkeen/Snacks Fryer
- Roaster
- Hot Air Generator
- Hot Water Generator

Burner Specifications

▪ Burner Specifications ▪						
Model		Thermal Output Capacity			Consumption	Power
Unit		Max kW	Min ^{Kcal/Hr}	Max	Kg/Hr	kW
	BI.010.B.R.H	120	30,000	1,00,000	25	0.37
	BI.015.B.R.H	180	45,000	1,50,000	35	1.12
	BI.020.B.R.H	230	60,000	2,00,000	50	1.12
	BI.030.B.R.H	350	90,000	3,00,000	75	1.87
	BI.040.B.R.H	460	120,000	4,00,000	100	1.87
	BI.050.B.R.H	580	150,000	5,00,000	125	1.87
	BI.060.B.R.H	700	180,000	6,00,000	150	2.61
	BI.080.B.R.H	930	240,000	8,00,000	200	2.98
	BI.100.B.R.H	1160	300,000	10,00,000	250	3.73
	BI.120.B.R.H	1400	360,000	12,00,000	300	4.48
	BI.150.B.R.H	1860	480,000	16,00,000	375	4.48
	BI.200.B.R.H	2350	600,000	20,00,000	500	5.22

#Horizontal/Vertical Flame #Multi-Fuel

Horizontal/Vertical Thermic Fluid Heater



Spark Series - Oil/Gas Fired Thermic Fluid Heater



- Capacity upto 50 Lac Kcal/hr or 20 MBtu/Hr or 5800 kW.
- Horizontal Flame.
- Two Pass/Three Pass Design.
- Fuel Choice: Light Oil/Heavy Oil/LSHS/LPG/PNG/Biogas.
- Special designs for Pre-Heated Air.
- Fluid at outlet up to 280 °C (Expandable up to 320 °C).
- Efficiency: 88±2 %.
- Advanced wet back Design to achieve max efficiency.
- Skid Mounted, Pre-Wired units for Easy E & C.
- Choice of Expansion Tank on Top of Unit, Saving Space.

Solid Fuel Fired Thermic Fluid Heater



- **Fire Series** – 3 Pass, Vertical Orientation
 - Capacity up to 8 Lac Kcal/hr or 930 kW
- **Bonfire Series** – 4 Pass Vertical Orientation
 - Capacity up to 20 Lac Kcal/hr or 2325 kW
- **Inferno Series** – 4 Pass, 3 Coil Vertical Orientation -
 - Capacity up to 20 Lac Kcal/hr or 2325 kW
- **Wildfire Series** – 5 Pass, 4 Coil Vertical Orientation
 - Capacity up to 60 Lac Kcal/hr or 7000 kW

- Fuel: Biomass Pellets/Briquettes/Coal/Wood /Agro-Waste/Rice Husk/ Bagasse etc.
- Special designs for Pre-Heated Air.
- Choice of Air Pre-Heater, Bag House etc.
- Temperature of Thermic Fluid at outlet up to 280 °C (Expandable up to 320 °C).
- Efficiency: 78±2 %.
- Provision of soot blower system for Automatic cleaning.
- Skid Mounted, Pre-Wired units for Easy E & C, up to certain models.
- Choice of Expansion Tank on the top of the unit, saving space, up to certain models.
- Suitable for applications in industries like Asphalt, Pharmaceutical, Food, Dairy, Packaging, Textile, Plywood Industries, etc.

Pellet Fired Thermic Fluid Heater



Green Series - Pellet Fired Thermic Fluid Heater

- Capacity upto 20 Lac Kcal/hr or 2325 kW.
- Horizontal Flame, Three Pass Design.
- Fuel: Biomass Pellets, Cashew Shell.
- Fluid at outlet up to 280 °C (Expandable up to 320 °C).
- Efficiency: 88±2 % (Pellet burning efficiency @ 96 %).
- Wet back Design to achieve maximum efficiency.
- Skid Mounted, Pre-Wired units for Easy E & C.
- Choice of Expansion Tank on top of unit, saving space.



- Capacity upto 10 Lac Kcal/hr or 1165 kW
- Vertical Flame, Three Pass Design
- Fuel: Biomass Pellets, Cashew Shell
- Fluid at outlet up to 280 °C (Expandable up to 320 °C)
- Efficiency: 88±2 % (Pellet burning efficiency @ 96 %)
- Skid Mounted, Pre-Wired units for Easy E & C
- Choice of Expansion Tank on top of unit, saving space.

Salient Features Of Our Thermic Fluid Heaters

- Low maintenance.
- Higher Efficiency.
- Swift Heat-up Time.
- Easy Operation.
- Compact Design.
- Simple Cleaning Procedure.
- Advanced Control System.
- Self-activating On/Off Controllers For Precise Temperature Control.
- Highly Sensitive Imported Temperature Sensors.

Pollution Control Equipment

- Cyclone Dust Collector
- Multi-Cyclone Dust Collector
- Wet Scrubber
- Bag Filter
- ESP

Choice of IOT/PLC Based Advanced Burner Management & Combustion Control System and conventional programmed controllers



Color Touch Screen Interface

- State of the ART, IOT based Burner Management System with Remote monitoring with Integration with existing BMS, CMS, SCADA
- Setup, turning and fuel / Air ratio adjustment available through password protected screen.
- Full color display of critical startup and data protected screen.
- VPS (Valve Proving System) capability Via flame safeguard control
- High/ Auto / Low flame hold facilities
- Twin burner and multi burner control capabilities option and parameters.
- Port for Upload / Download of commissioned data

Linkage less Burner Management System

- Integrated burner control with modulation- Electronic and mechanical Regulation.
- Flame safeguard and flame intensity from a single source.
- Fuel-air ratio control system with single or dual - Fuel application.
- Controls up to six independent actuators for better efficiency in low Nox burners
- Integrated valve proving system.
- High accuracy and resolution with Highly repeatable actuator.
- Unmatched reliability with 15 programmable point per fuel - air ratio curve for greater flexibility and tighter control.
- Annunciation of over 500 standard faults, allowing fast response to trouble conditions.
- Integrated PID Temperature / Pressure Control with auto tune for Extremely accurate VFD control with actuator motor



We Deal in Burner



We Deal in Burner's Parts



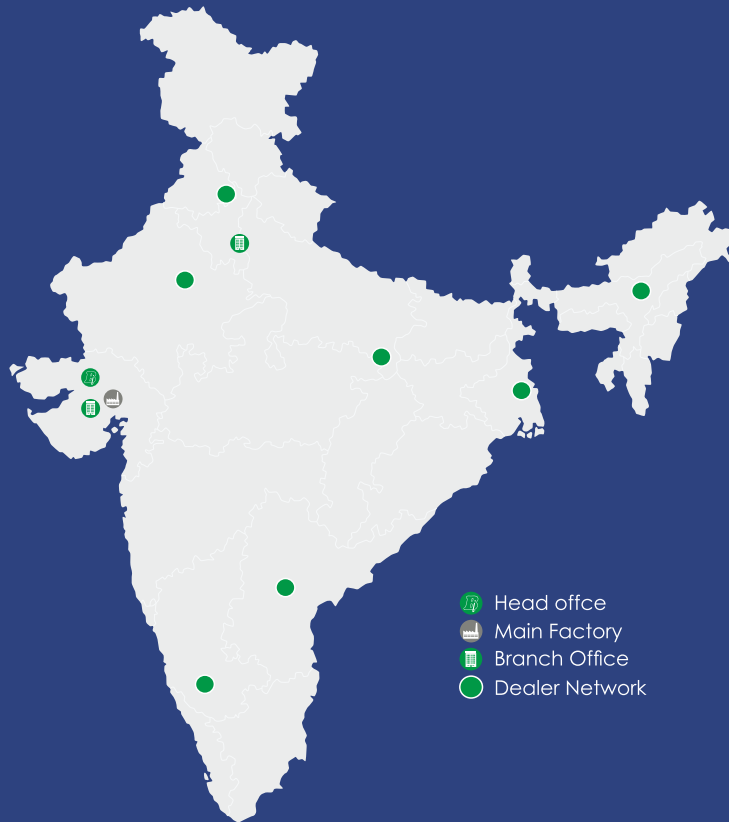


Our Esteemed Clients

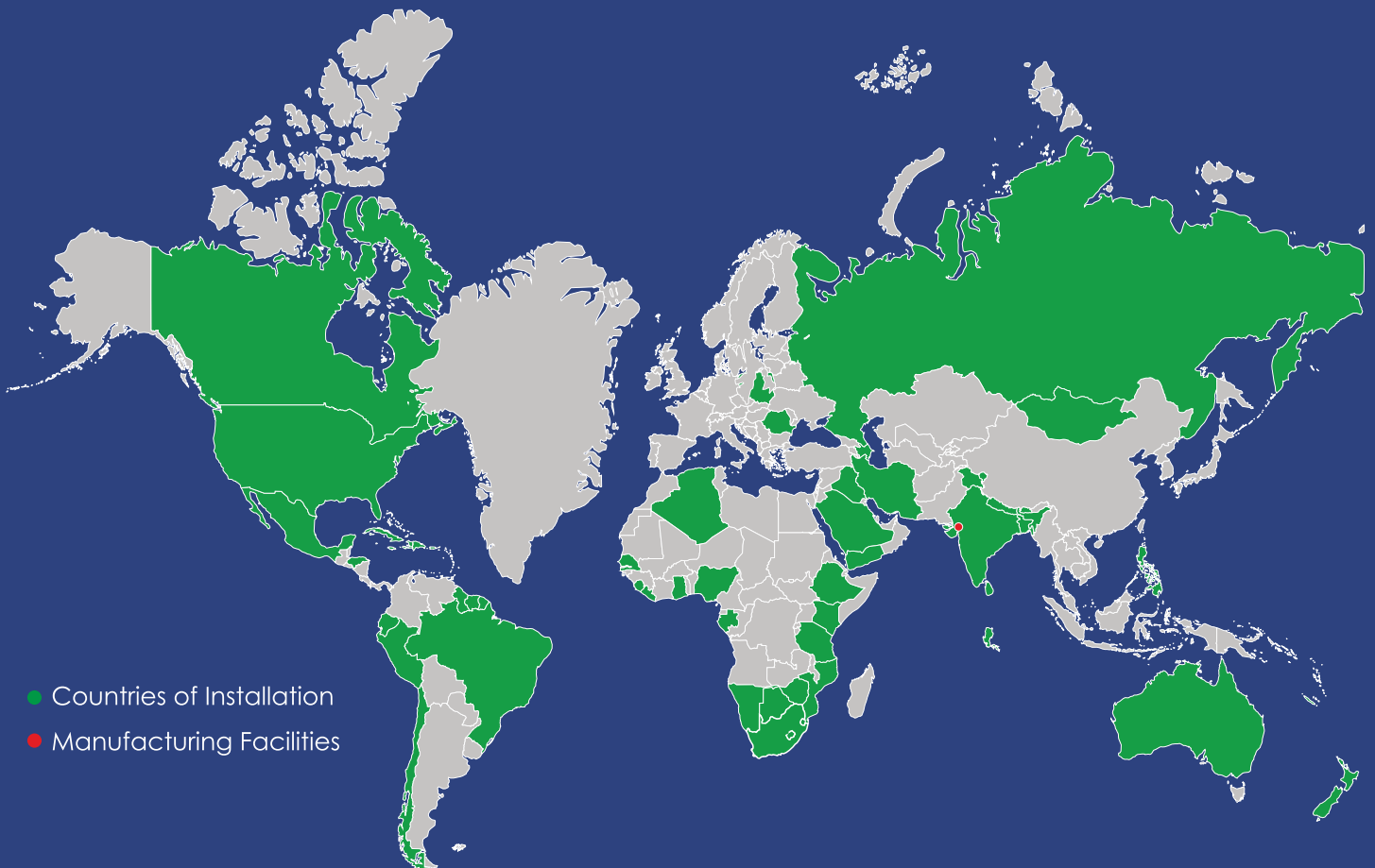




Presence in India



Installations world wide





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