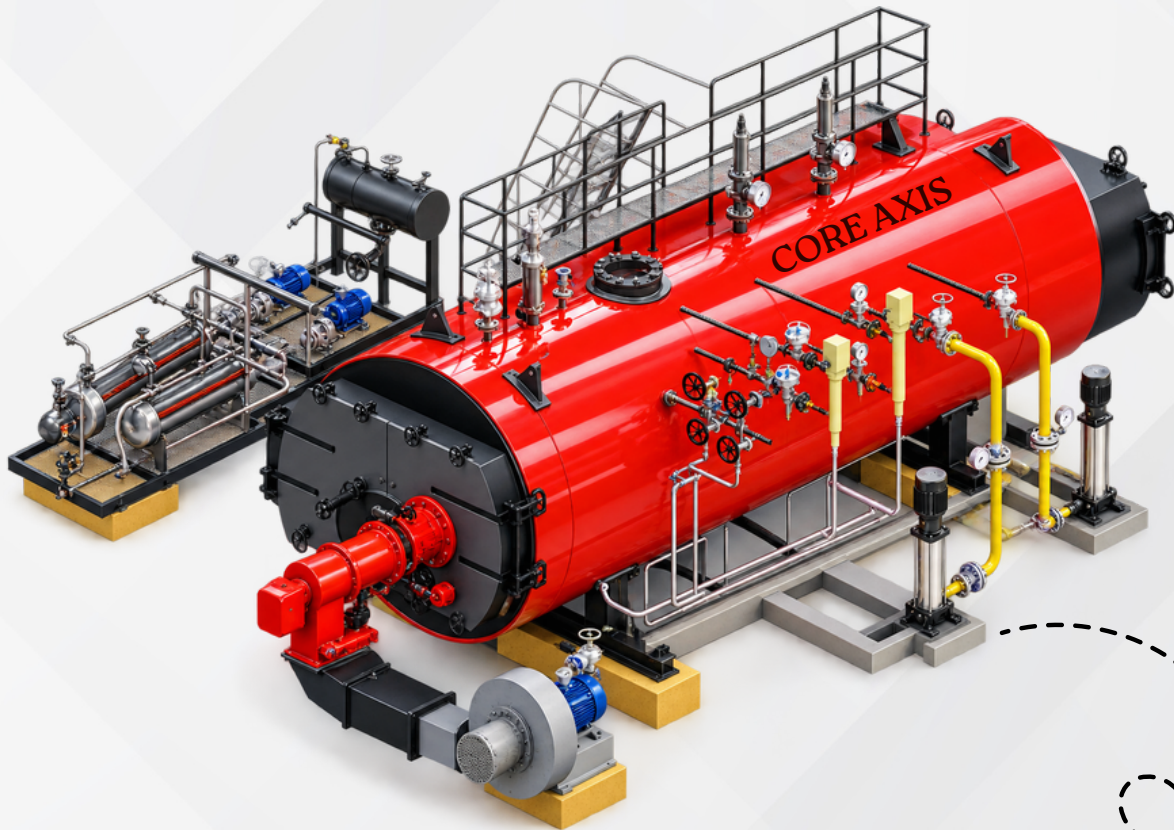




CORE AXIS
GLOBAL SOLUTIONS

a part of **Dehu Group of Companies**



TURBO-FLAME

Capacity - 1 TPH to 25 TPH

CAGS TURBO-FLAME

CORE AXIS TURBO-FLAME are premium Fire tube products and provides maximum efficiency. Our boilers are available in wide range pressures and premium control packages. All boilers are pre-assembled, tested at our works before dispatch. Our products are designed to minimise radiation and convection losses and provide maximum combustion and thermal efficiency.

"Reliable. Renewable. Worldwide"

www.coreaxisglobal.com



ABOUT US

Core Axis Global Solutions is one of the leading names in the field of Boilers and heating systems for over three decades. We have established a strong manufacturing and sales presence across key regions of India, including Maharashtra, Uttar Pradesh, Andhra Pradesh, Telangana, Tamil Nadu, Rajasthan, and other major industrial locations, enabling us to efficiently serve customers nationwide. Our management comprises technically qualified people both at management levels and at the technical support level. Our business mission is to provide maximum efficiency and sustainable solutions with our products and services.

With decades of experience in the process industry, we customize integrated solutions for project requirements, processing, and many more areas.



SALIENT FEATURES OF TURBO-FLAME

- Low-emission fire tube boiler reduces NOx and CO emissions through improved furnace turbulence and combustion.
- CORE AXIS TURBO-FLAME Boilers and components comply with latest IBR, ASME and international standards.
- Equipped with highly efficient ON/OFF and stepless modulation burners.
- High fuel-to-steam efficiency with 4:1 turndown ratio as standard for gas and oil.
- Advanced burner design ensures high combustion efficiency and turndown.
- Available with Heavy/Light Oil, CNG, LPG, Biogas and Dual Fuel burners.
- High burner gas velocities ensure effective air mixing for complete combustion and efficiency.
- Boilers undergo strict Radiography, Stress Relieving and NDT quality tests.
- Hinged and davited front/rear doors provide easy access to tubes and furnace.
- Low furnace location below the water level ensures proper circulation and added safety.
- Reduces water carryover, resulting in drier steam.

TECHNICAL SPECIFICATION OF 'TURBO-FLAME'

Description	Unit	CAGS-OF-50	CAGS-OF-100	CAGS-OF-200	CAGS-OF-300	CAGS-OF-400	CAGS-OF-500	CAGS-OF-600	CAGS-OF-800
Capacity (F&A 100)	kg/hr	500	1000	2000	3000	4000	5000	6000	8000
Design Pressure	kg/cm ² g				10.54/17.5/21/25				
Efficiency (Husk)	%				92(As per BS845 PartI NCV Basis)				
Fuel					FO,LDO,HSD				
Fuel Firing Systems					Automatic (with Pressure Jet Burner)				
Fuel Consumption (LDO/FO)	kg/hr	28/32	55/62	112/125	167/188	224/251	280/314	335/377	447/502
Connected Electrical Load									
Standard Unit(with LDO/HSD)	HP	4	5	11	15.5	25	27.5	30	30
with FO	HP	6.6	6+2KW	13.5+6KW	18+6KW	27.5+9KW	27.5+9KW	30+9KW	30+10
Dimensions & Weight									
Unit Assembly (AxBxCxD)	m	2.6x2.25x2.17x1.35	3.8x2.62x2.65x1.6	4.8x2.8x2.92x2.5	4.8x3.2x3.3x2.5	5.45x3.4x3.45x2.8	6.1x3.65x3.6x3.0	6.45x3.775x3.75x3.2	6.95x4.1x4.0x3.8
Transport (ExFxG)	m	1.975x1.465x1.665	2.7x1.87x2.07	3.5x2.1x2.3	3.5x2.25x2.45	4.0x2.5x2.7	4.55x2.72x2.92	4.8x2.8x3.05	5.1x3.1x3.4
Layout (LxW)	m	1.8x2.0	2.6x3.1	3.0x5.8	3.5x6.0	3.6x6.5	3.85x7.0	4.0x7.5	4.2x8.0
Chimney Top Diameter	mm	250	350	450	500	600	600	600	750
Dry Weight (10.54/17.5)	Ton	3/3.5	6/7	9/11	12/14	15/17	18/20	24/27	-
Flooded Weight (10.54/17.5)	Ton	4.5/5	10/12	17/18	22/25	34/38	33/36	51/55	51/55

OUR INFRASTRUCTURE



**AKAYA
ENGINEERING LLP**
(A Joint venture with **Dehu** Group)



**Uttar Pradesh
Manufacturing Unit**

Delhi Office

The Delhi Office, serving as our strategic planning and engineering management hub, is located in Delhi. This facility oversees the execution of all our marketing, design, purchasing, and project management activities.



**Pune Manufacturing
Unit**

In Pune, our facility is equipped to handle the production of pressure parts with a minimum capacity of 5000 MT per year. Additionally, we manage the production of non-pressure parts with value-added equipment, boasting a minimum capacity of 3000 MT per year. Both capacities can be scaled upwards, to meet specific needs.



CORPORATE OFFICE – NEW DELHI

Location - 27 /6, Double Storey

Tilak Nagar, New Delhi - 110018

Name - Mr. Nitish Sharma

Contact - +91 78350 52921

Email - n.sharma@coreaxisglobal.com

OFFICE – PUNE (West & South Zone)

Location - Gera's Imperium Gateway, C Tower, C-341, Nashik Phata Metro, behind Bhosari, Pune - 411034 Maharashtra State, India.

Name - Mr. Sharankumar M

Contact - +91 92666 87758

Email - marketinghead@coreaxisglobal.com

OFFICE – DURGAPUR (East Zone)

Location - DurgaPur

Name - Mr. Dhananjoy Garai

Contact - +91 92660 98889 / 97320 60311

Email - D.garai@coreaxisglobal.com



MANUFACTURING UNIT – PUNE

Location - Gat No. 390, Dehu-Alandi Road, Near Talawade IT Park, Pune-411062, Maharashtra, India



UPCOMING MANUFACTURING UNIT – NORTH

Location - Khasra No: 587/2, Jansath Road, Village Sikheda, Muzaffarnagar, Uttar Pradesh



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