

EUROVENT BLOWER

Fans for Industrial Process
Application from Thailand



OUR FACTORY

TN GROUP HEAD OFFICE [Thailand]



EuroVent Industrial Fans & Blowers



EuroVent Blower, Thailand specialized in the design and manufacturing of industrial process fans. With its state-of-the-art manufacturing facility located in the heart of Southeast Asia, Bangkok, Thailand. Over the past 20 years, EuroVent caters to the needs of several process industries for air-movement equipment.

Initially, EuroVent started its business in the standard, pre-engineered fans for the machinery, however under technical collaboration with Europe and Japanese companies, EuroVent has been able to design and supply reliable custom-built, heavy-duty fans for severe operating conditions. It includes designing a fan specific to our customer process requirements for Flow, pressure, temperature and gas composition.

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PROJECTS

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Fans for Cement Industry

EuroVent Blower's wide range of fan technology can cater to most of the fan application in Cement Industry. Our supply reference includes right from limestone crushing to packing process. Cement Industry Fans faces the varying nature of operational severity such as, operational temperature (up to 400°C), Heavy dust load (up to 100 gm/Nm³), Dust Buildup and erosion. High Pressure Air for Burner (up to 2000 mmWG). Our state-of-the-art production facility with more than 80% automated manufacturing process suits well for the dust collector fans, clinker cooler fans, Air Slide conveying fans, Hot air circulation fans for Coal Mill and Cement Mill Fans.

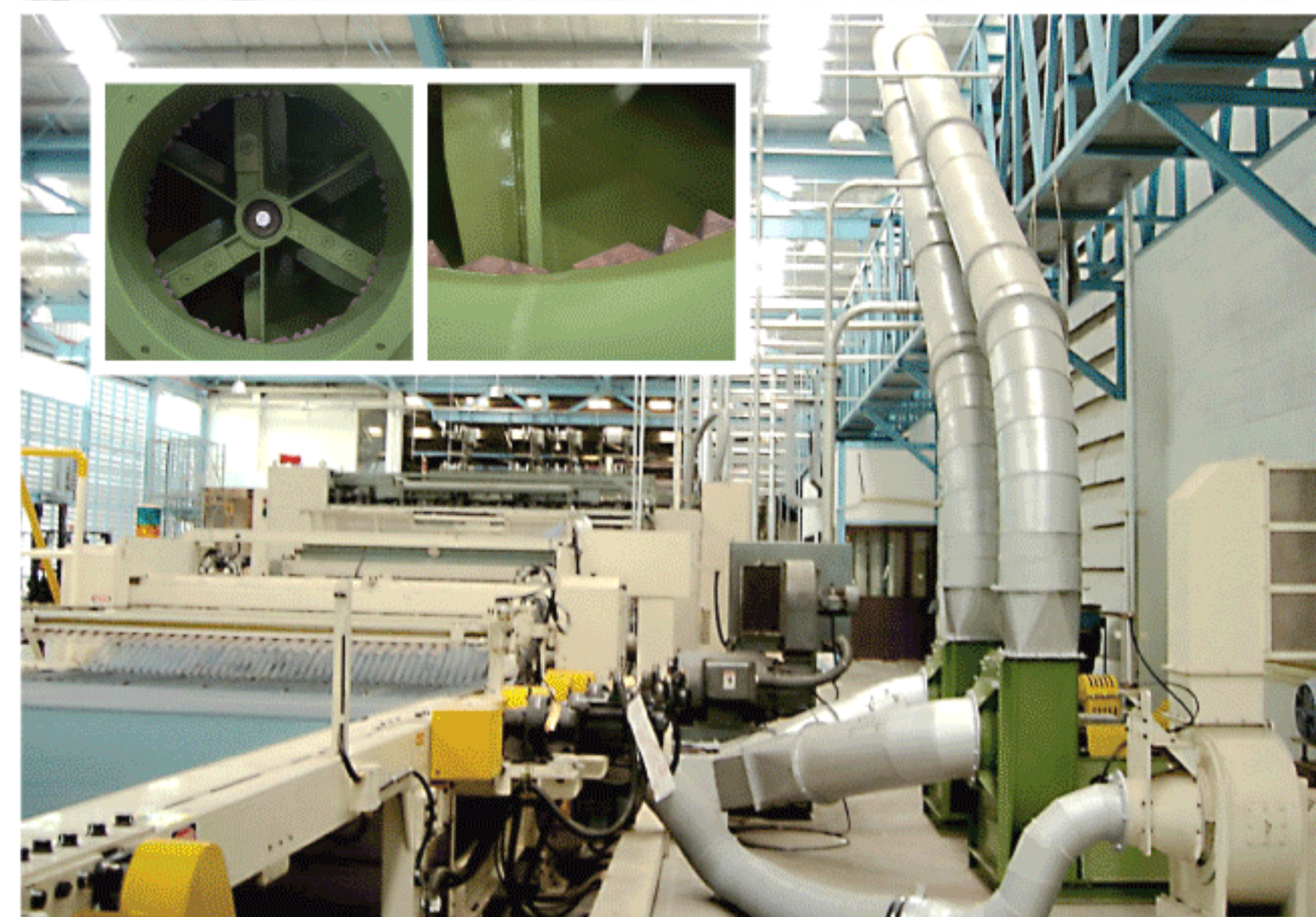
Fans for Pulp & Paper Industry

Paper machine exhaust blower is critical for maintaining optimal temperature and humidity in the paper making process. EuroVent Blower offers reliable and highly efficient fans for the exhaust application both in Centrifugal Fan and Axial Fan in Direct and Belt Drive configuration.

Also, We supply fans for the Energy Recovery Boiler that uses Black Liquor as a fuel. ID Fan for recovery boiler handles dust particles which are fine and sticky. EuroVent offers ID fan with specially designed Blade profile suitable for all application for Pulpand Paper industry.

Fans for Chemical Industry

Fans for Chemical industry poses a unique challenge of withstanding high chemical corrosion as well as hazardous environment (Explosive atmosphere) inside as well as external environment around the fan. EuroVent Fans have supplied fans with non-ferrous material and with Chemical lining on steel material to withstand the severe corrosive environment. Non-ferrous material includes conventional grade of stainless steel as well Duplex Stainless-steel grade – 2205. On the other hand lining involves FRP, Ceramic lining and others.



Fans for Sugar Industry

Fans play a significant role in Sugar Industry at several processes such as handling and drying bagasse, sugar dryer application and Co-generation power plant. Almost every sugar plant in Thailand has EuroVent fan in service. We undertake retrofit and upgradation of the existing Fans of any make from around the world. Retrofit includes overhauling, enhancing life of the existing rotor, replacement of existing rotor with energy efficient rotor, increasing the aerodynamic performance by increasing both airflow rate, static pressure as well as energy efficiency.

Fans for Boiler Draft System

EuroVent supply fans for Steam generating Boiler of both Solid fuel (Coal, Biomass) and Gas / Oil fired Boilers. Draft Fans are integral part of the Boiler Performance and hence Fans availability are critical for the Boiler steam output. EuroVent design and manufacture reliable fans which can deliver guaranteed air performance and operational reliability by ensuring quality at every stage from design to manufacturing. ID Fans of Boiler are supplied with wear liner with high Chromium Carbide Complex Composite Wear plate which has surface hardness of 55-60 HRC to enhance the life of Impeller.

Fans for Waste to Energy Plant

Energy from Waste Plant using municipal Solid waste comprises of all kind waste from households, general industrial waste. Drying these wastes involves atmospheric air with traces of corrosive chemical elements. EuroVent offered fans for several Waste to Energy (WTE) plant in South East Asia using corrosive resistant material.



PROJECTS

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Fans for Wood Industry

At times wood processing industry requires to handle bulk wood chips as well as fine wood dust powder. The handling conditions are vulnerable to catching fire and explosion. Hence, design of impeller blade profile and making fan with spark resistant construction are critical for the safety of the personnel in the site. EuroVent supplied fans with spark resistant construction for Wood processing industries in Indonesia, Thailand, and Vietnam.



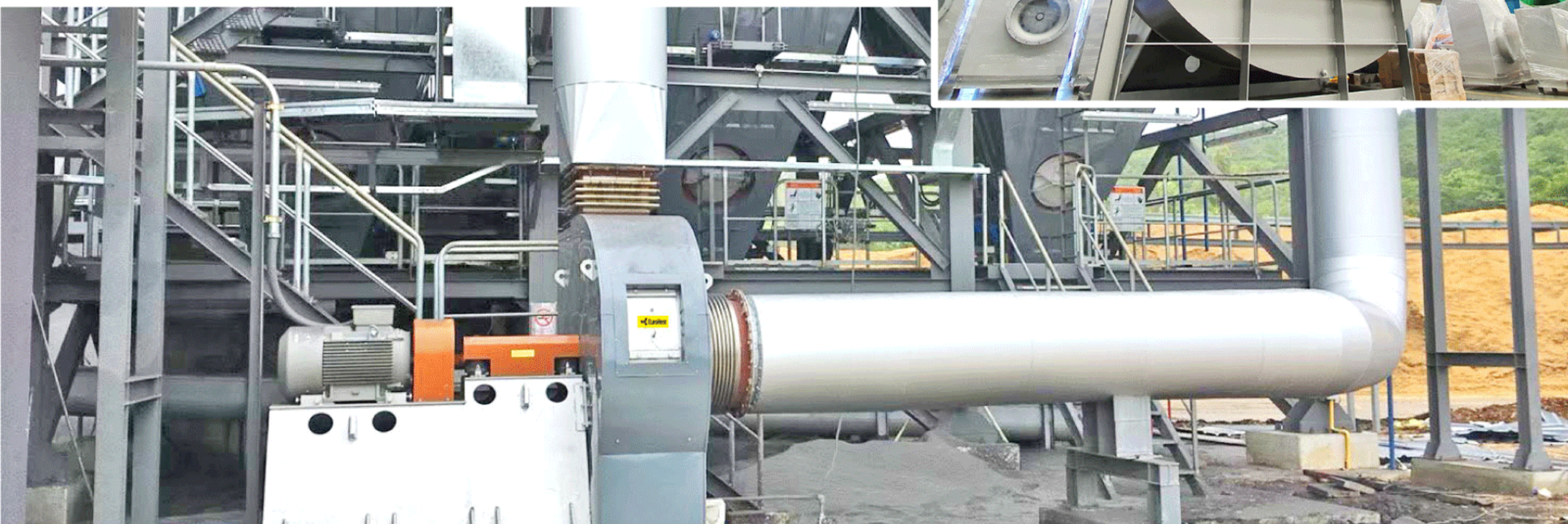
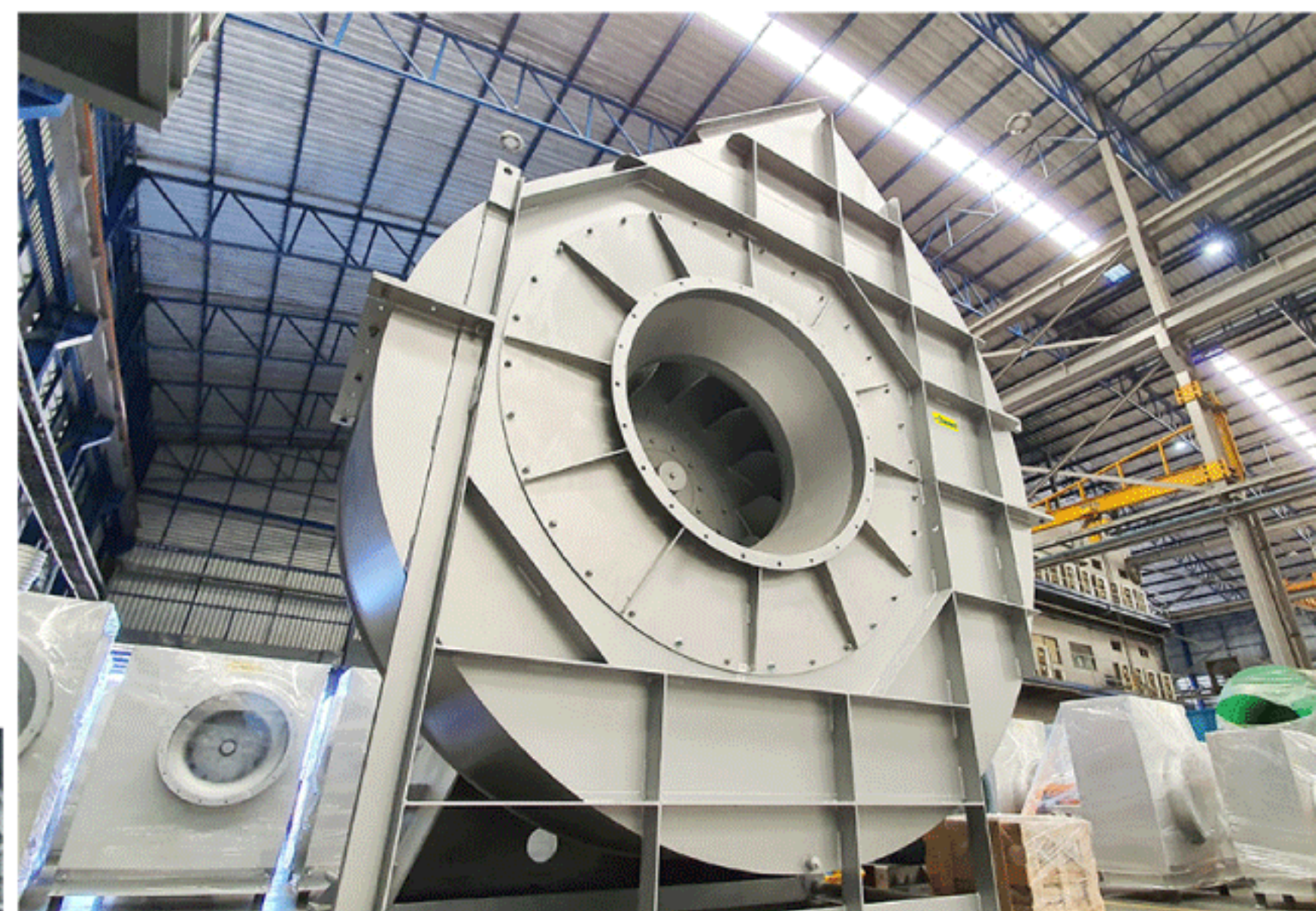
Fans for Petrochemical Industry

Handling gas and air from Petrochemical industry need application knowledge and expertise about hydrocarbons and corrosive and explosive atmosphere. EuroVent has delivered Fans for handling process gases for scrubber and vent gas treatment (RTO) applications. Fans for this application requires medium flow and medium pressure at elevated temperature with corrosive and explosive environment. Design and manufacturing of High-Pressure Blower with Super Duplex Stainless Steel.



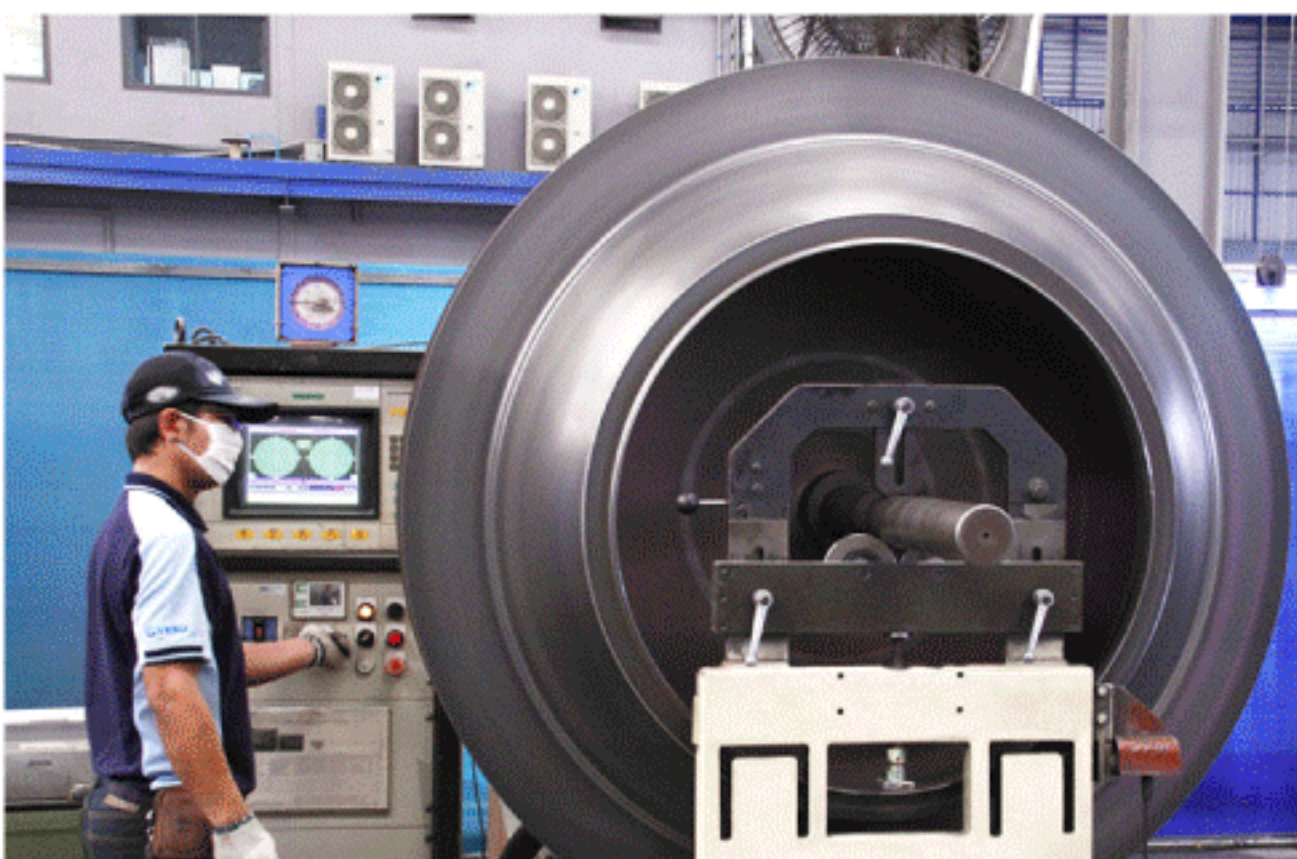
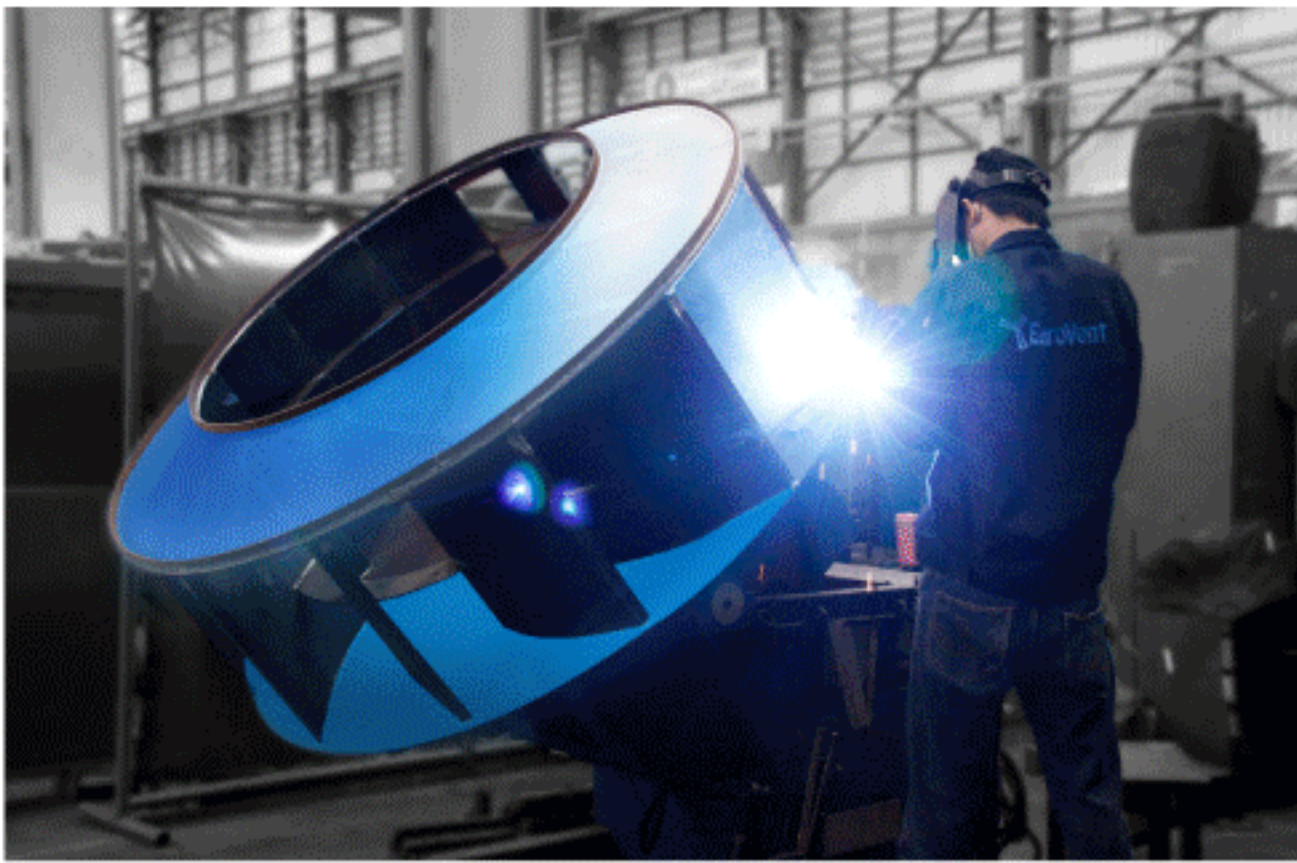
Fans for Food & Beverage Industry

Fans for Air movement application for Food & Beverage Industry must be handled while considering hygiene and challenges to avoid contamination of food grade ingredients. EuroVent supply reference includes numerous Fans with non-ferrous raw material - Stainless Steel (SUS 304 / SUS 304L / SUS 316 / SUS 316L) as a raw material.



QUALITY ASSURANCE

- Welding Inspection (NDT).
- Dynamic Balancing of Impeller.
- 100% Trial Assembly.
- Mechanical Run Test.
- Performance Test of Fan at shop (optional).



ADDRESS

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