CBI® GROUP

COMPANY PROFILE

Who we are

CBI Group, headquartered in Monza, boasts a storied legacy within the industry. Established in 1963, Industrie CBI S.p.A. initially focused on producing electromechanical components. Over time, the company diversified its capabilities, specializing in the creation, production, and distribution of top-tier industrial ventilation solutions.

Presently, the CBI Group stands out as a frontrunner in the industrial ventilation sector, thanks to its extensive history, technical acumen, and unwavering commitment to customer satisfaction. Through ongoing investments in cutting-edge research and technology, the company consistently delivers innovative solutions tailored to meet the evolving demands of its clientele.

History

1

1963

CBI Group was founded by the Maveri family

2

1992

CBI Service was founded with the aim of offering after-sales services

3

2002

CBV was founded in Belgium, featuring a new plant specialized in the production of large heavy-duty fans and components

4

2005

CBI France was established as a branch office in France

5

2005

Industrie CBI acquired CCBlower and merged it into the group

6

2006

De Raedt is acquired and merged with CBV

History

7

2008

CBI España was established as a Branch Office in Spain

8

2008

CBDoctor was founded as a Joint Venture between Industrie CBI and Air Doctor in India

9

2013

CBI Group was acquired by the Nicotra Gebhardt group

10

2020

CBI Group is fully reacquired by the Maveri family

11

Present

The journey continues with the same passion and determination

Mission and vision

Mission

Our mission is to drive change through innovation, integrity, and a deep commitment to people. We operate with the highest standards of integrity and transparency. We look to the future with confidence and determination, aspiring to be recognized as leaders in our market not only for our financial performance but also for our positive impact on people and the environment. We are committed to staying at the forefront of the latest technologies and industry trends to deliver innovative solutions to our customers.

Vision

In CBI Group, we see a future where innovation and social responsibility are the keys to creating a better world. We aim to be pioneers in our industry, driving change and anticipating market needs through cutting-edge solutions tailored to the people who work with us. We aim to inspire and have a positive influence on individuals, communities, and the environment, fostering lasting relationships and contributing to the advancement of our industry.

Our values

Our work is built upon four crucial pillars that ensure we are prepared to tackle any challenge that comes our way.

Flexibility and reliability

At CBI Group, flexibility embodies more than just an idea; it represents a core philosophy that imbues every facet of our operations. To us, flexibility entails **customization**, **responsiveness**, **operational agility**, and a commitment to ongoing **innovation**.

Ethics in business

We ardently uphold the conviction that ethics in business transcends being merely discretionary; it stands as a **moral** and **operational necessity**. To us, ethics embodies principles such as **honesty**, **transparency**, **respect**, **social responsibility**, **fairness**, and **integrity**.

Continuos innovation

In a dynamic and ever-changing environment, innovation stands as the foundation of our strategic thinking. To us, innovation encompasses investments in **research** and **development**, **strategic partnerships**, **agility**, and the ability to **adapt** to varying demands.

People first

We strongly uphold the notion that individuals constitute the core essence of every business triumph. To us, prioritizing People First entails engaging in **active listening**, fostering **feedback** mechanisms, nurturing **enduring relationships**, and accompanying the customer throughout every phase of the project.

Production facilities

The Monza facility, where all types of fans are produced and serves as the headquarters of the group.

The Cambiago facility specialized in assistance and maintenance services.

The Tilff facility (Belgium), specialized in the production of Heavy Duty fans.

The Ahmedabad facility (India), specialized in the production of standardized fans.

Divisions

Heavy Duty

The Heavy Duty division excels in crafting fans tailored for operation in **harsh environments,** characterized by high temperatures, dust, and corrosive elements, thus maintaining **superior levels of efficiency**. Constructed from sturdy and resilient materials, these fans are fortified with armors and coatings specifically engineered for such demanding conditions.

A standout characteristic of our Heavy Duty fans is their capacity to manage substantial air volumes, guaranteeing uninterrupted functionality. They epitomize **dependability**, **delivering exceptional performance even in the most arduous operational settings.**

Moreover, we extend **personalized customization** services to accommodate the unique requirements of each individual client.

Industrial

The extensive, standardized, **consolidated**, and **dependable** product range empowers our Industrial division to address the **most rigorous requirements** concerning **performance**, **efficiency**, and **energy conservation**.

Our Industrial division's fans are tailored to individual industrial processes, meticulously crafted to fulfill diverse needs regarding **temperature**, **fluid composition**, **noise levels**, **efficiency**, and **power** consumption.

The **considerable customization** capabilities inherent in our product lines enable us to expand our array of offerings and deliver solutions for high-end projects.

Engineering

With over 60 years of expertise, the Engineering division excels in **designing** and **manufacturing tailored industrial** centrifugal and axial **fans** to meet diverse requirements.

Our engineering team specializes in analyzing and delivering state-of-the-art solutions for various applications, collaborating closely with clients to ensure optimal outcomes.

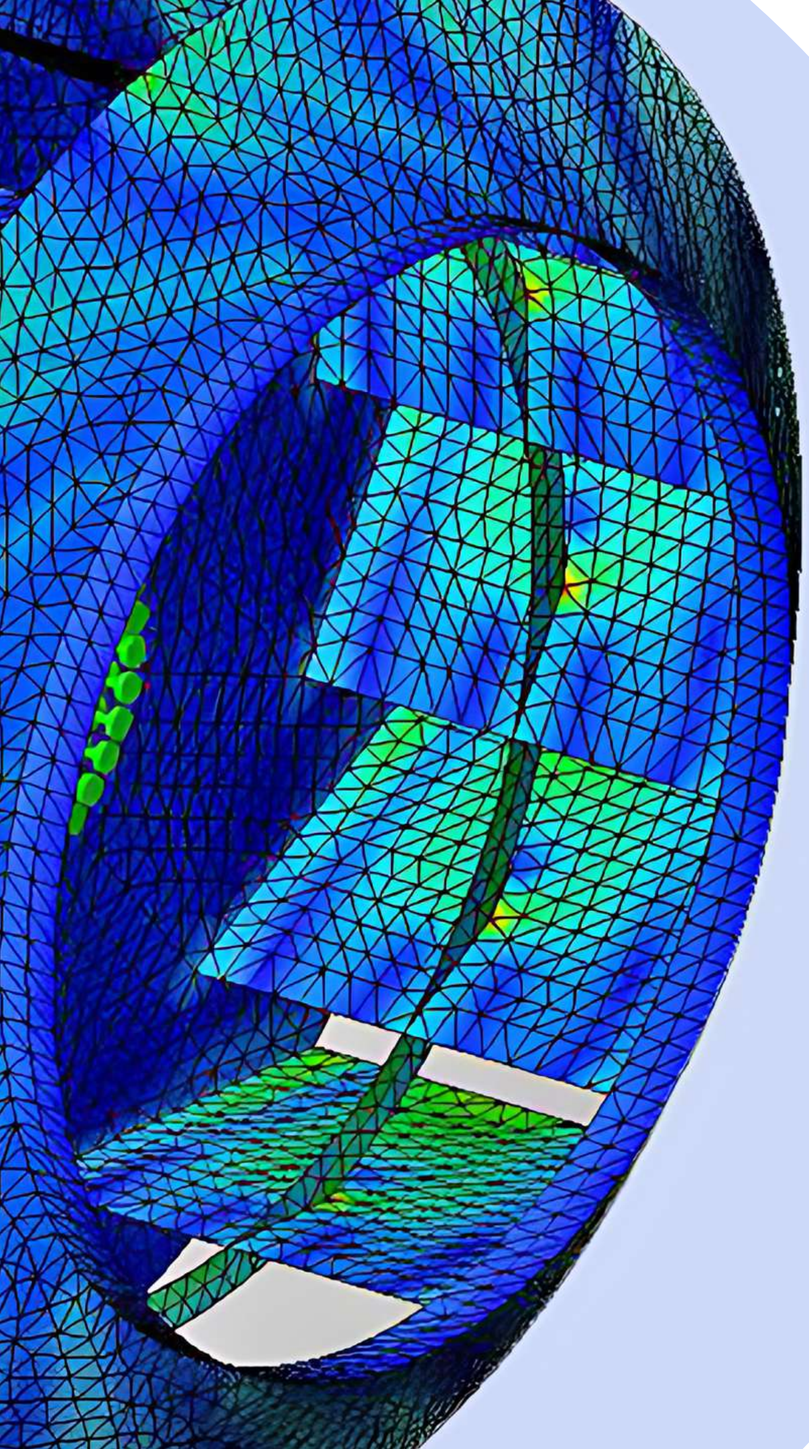
Infrastructure

Our axial fans and jet fans, whether reversible or uni-directional, can be configured to meet all application requirements, thanks to the **most advanced technologies** and **highest quality components**.

Each fan is designed to achieve maximum **aerodynamic efficiency** and is built to the **highest quality standards** to ensure reliable operation over the years and to be suitable for smoke **extraction** in **case** of **fire**.

Service & Maintenance

- **Installation**: we provide complete assistance for the turnkey installation of every type of fan and related accessories, ensuring the correct execution of the work on-site.
- **Revamping**: the division is specialized in the revamping, even extreme, of any industrial fan, up to its final testing.
- **Reverse engineering**: thanks to the help of latests generation 3D scanners, we are able to replicate any component or spare part without the aid of any original drawing or documentation.
- **Test & diagnosis**: our technicians are able to carry out vibrational, themo-acoustic and aeraulic analysis with the aid of cutting-edge instrumentation, even remotely.
- **Spare parts**: we supply and install any original or perfectly interchangeable spare part, applying the mechanical and technical updates that have occured in the meantime.



Research and Development

The Research & Development division is dedicated to continually seeking optimized performance, studying **product evolutions**, and industrializing new solutions.

Our team of engineers uses the **most advanced FEM, CFD technologies and modern testing rooms.**

Products portfolio

Products lines

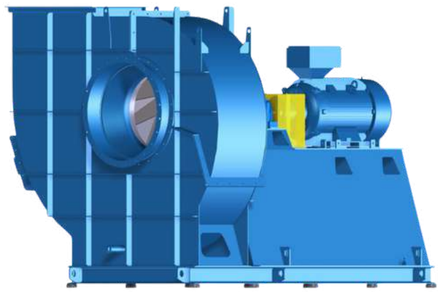
Centrifugal fan

Axial fan

Small Fan Division

Centrifugal fans

Ch Series

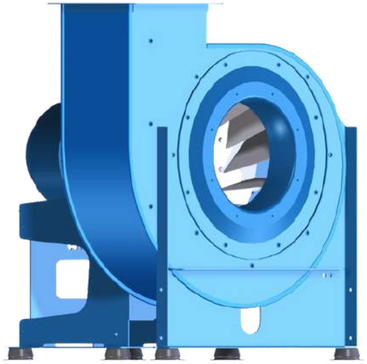


Airfoil or backwardly inclined curved and backwardly inclined flat blade.

Available in 19 sizes with **impeller diameters** up to **2.450 mm.**

Flow rate (max): 450.000 m3/h
Pressure (max): 6.500 Pa
Temperature: up to 300°C

K Series

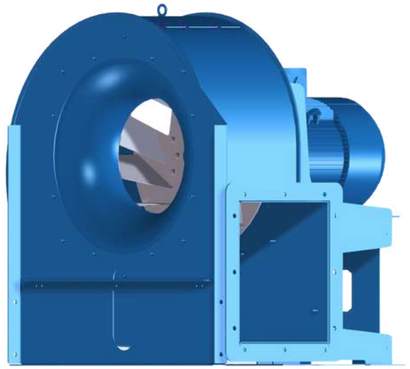


Backwardly inclined flat or radial blade (open or closed).

Available in 18 sizes with **impeller diameters** up to **2.200 mm**.

Flow rate (max): 370.000 m3/h
Pressure (max): 9.000 Pa
Temperature: up to 300°C

Z Series

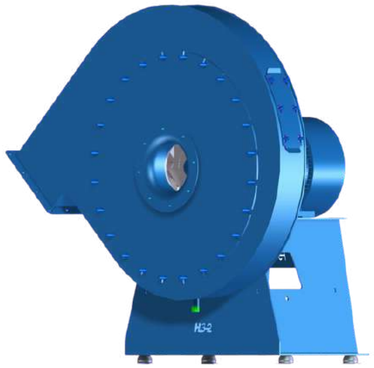


Backwardly inclined flat blade.

Available in 18 sizes with **impeller diameters** up to **2.200 mm.**

Flow rate (max): 400.000 m3/h
Pressure (max): 9.500 Pa
Temperature: up to 300°C

H Series

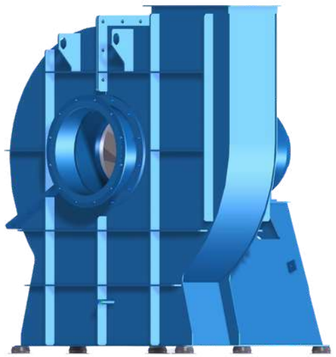


Backwardly inclined curved or radial blade (open or closed).

Available in 11 sizes with **impeller diameters** up to **1.100 mm.**

Flow rate (max): 10.000 m3/h
Pressure (max): 15.000 Pa
Temperature: up to 300°C

S Series



Backwardly inclined flat blade.

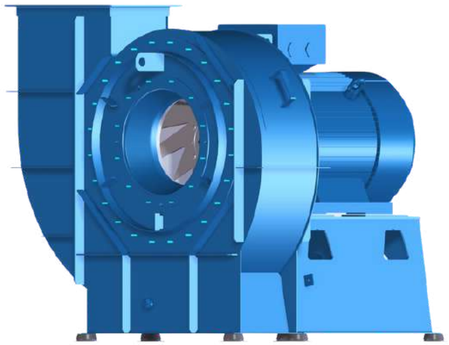
Available in 14 sizes with **impeller diameters** up to **2.240 mm**.

Flow rate (max): 200.000m3/h

Pressure (max): 25.000 Pa

Temperature: up to 300°C

M Series



Backwardly inclined flat blade.

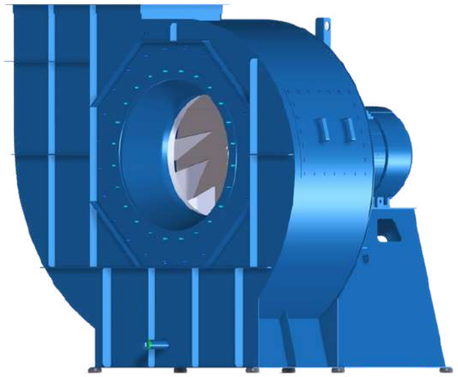
Available in 14 sizes with **impeller diameters** up to **2.240 mm**.

Flow rate (max.): 340.000 m3/h

Pressure (max): 18.000 Pa

Temperature: up to 300°C

X Series



Backwardly inclined flat blade.

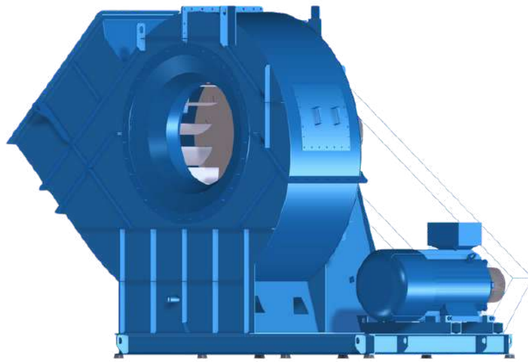
Available in 14 sizes with **impeller diameters** up to **2.240 mm**.

Flow rate (max): 500.000 m3/h

Pressure (max): 10.000 Pa

Temperature: up to 300°C

RT Series



Forwardly inclined radial tip blade.

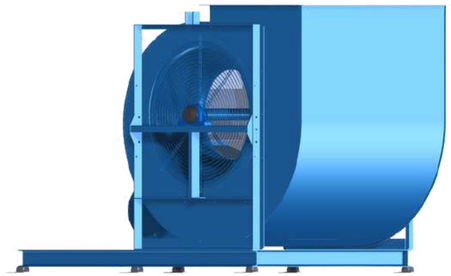
Direct or transmission arrangement

Flow rate (max): 700.000 m3/h

Pressure (max): 12.000 Pa

Temperature: up to 650°C

ChT Series



Airfoil or backwardly inclined flat blade.

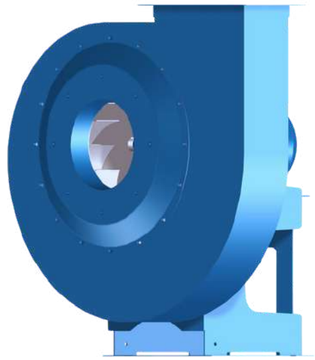
Available in 19 sizes with **impeller diameters** up to **2.450 mm**.

Flow rate (max.): 750.000 m3/h

Pressure (max): 5.000 Pa

Temperature: up to 300°C

N Series



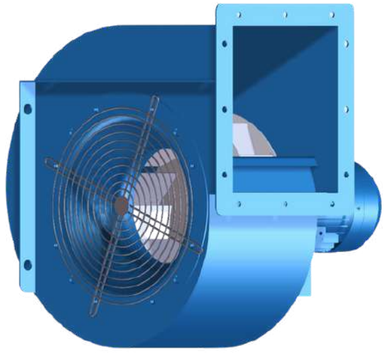
Backwardly inclined curved or radial blade (open or closed).

Available in 5 sizes with **impeller** up to **630 mm in diameter**.

Flow rate (max): 11.000 m3/h

Pressure (max): 8.000 Pa

CB Series



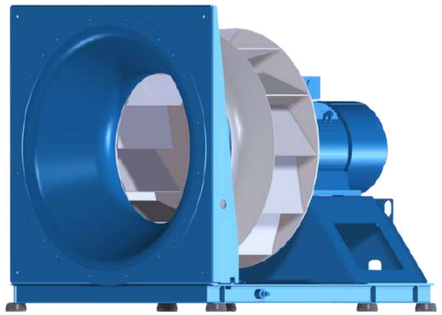
Forwardly inclined curved or backwardly inclined blade

Available in 8 sizes with **impeller** up to **500 mm in diameter**.

Flow rate (max): 20.000 m3/h

Pressure (max): 2.000 Pa

EVO Series



Backwardly inclined flat blade. Direct arrangement.

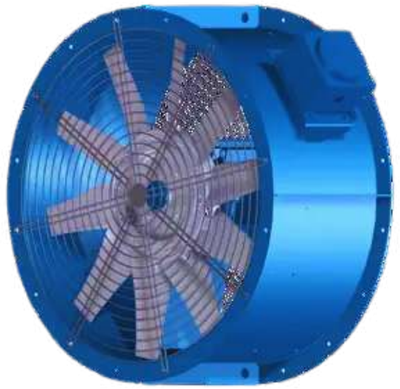
Flow rate (max.): 320.000 m3/h

Pressure (max): 11.000 Pa

Temperature: up to 400°C

Axial fans

GAV Series



Airfoil blade and direct driven.

Available in 13 sizes with **impeller** up to **2.240 mm in diameter**.

Flow rate (max): 300.000 m3/h

Pressure (max): 1.000 Pa

GAX Series

Airfoil blade and direct driven.

Available in 13 sizes with **impeller** up to **2.240 mm in diameter**.

Flow rate (max): 300.000 m3/h

Pressure (max): 1.000 Pa

GAT Series

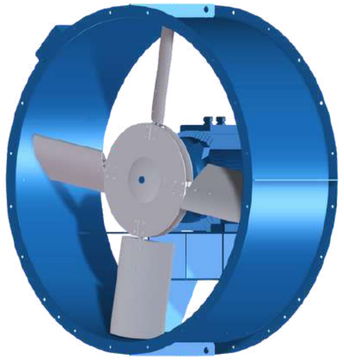
Blade with airfoil profile and transmission coupling.

Available in 12 sizes with **impeller** up to **2.240 mm in diameter**.

Flow rate (max): 50.000 m3/h

Pressure (max): 600 Pa

EFA Series



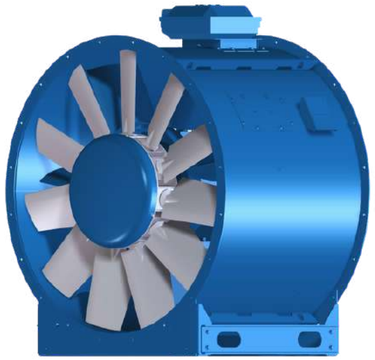
Airfoil blade and Direct Driven.

Available in 7 sizes with **impeller** up to **2.240 mm in diameter.**

Flow rate (max): 480.000 m3/h

Pressure (max): 1.800 Pa

AXL Series



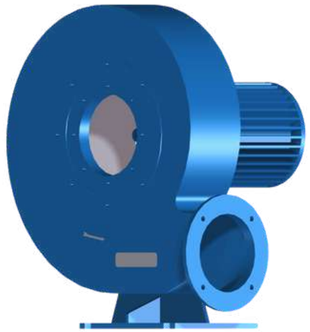
Airfoil blade and direct coupling.

Flow rate (max): 830.000 m3/h

Pressure (max): 5.000 Pa

Small
Fan Division

AP Series



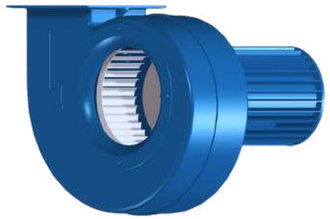
Forwardly inclined curved or radial blade.

Available in 5 sizes with **impeller** up to **400 mm in diameter**.

Flow rate (max): 2.300 m3/h

Pressure (max): 3.800 Pa

VR Series



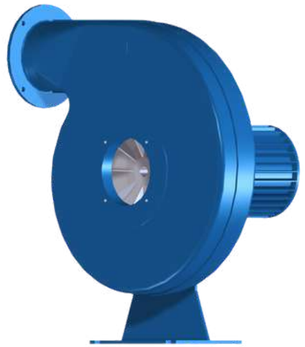
Forwardly inclined curved blade.

Available in 5 sizes with **impeller** up to **630 mm in diameter**.

Flow rate (max): 1.500 m3/h

Pressure (max): 1.600 Pa

DT Series



Radial blade.

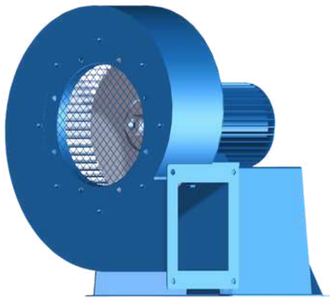
One size, single or double stage.

Flow rate (max): 400 m3/h

Pressure (max): 4.000 Pa

Temperature: up to 300°C

VRP Series



Forwardly inclined curved blade.

Available in 4 sizes with **impeller** up to **300 mm** in **diameter**.

Flow rate (max): 4.500 m3/h

Pressure (max): 4.300 Pa

Tunnel & Metro Solutions

CBJET Series

The CBJET series is specifically designed for installation inside tunnels and galleries.

It is built to the **highest quality standards** to ensure reliable operation over the years and to be suitable for smoke extraction in case of fire.

The fans are **tested** and **certified** to the **strictest international fire safety standards** EN 12101-3 in order to operate up to **400°C/2h**.

The performance of the fans are certified, ensured by aeraulic tests in compliance with International Regulations (AMCA and ISO) in order to meet or exceed all the technical requirements of the project specifications.

Impeller diameter
Up to 1.600 mm

Thrust
from 270 N to 3000 N

Flow rates
250.000 m3/h

Temperature
Up to 400°C/2h

Driven
Direct driven

AXL Series for metro and tunnel

The AXL series fan can serve as a viable option for smoke and heat extraction during fire incidents. This feature renders it appropriate for integration into emergency systems designed for metro tunnels and galleries.

Applications

Our fans can be used in numerous applications and customized to meet the specific needs of individual projects

Cement

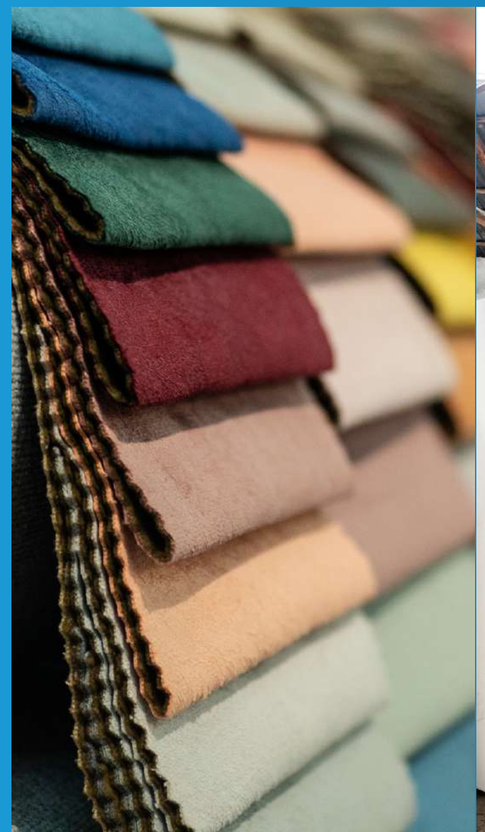
Glass

Plastic & rubber

Ceramics & bricks

Metals

Woven



Paper

Wood

Energy

Tunnel & metro

CBI® GROUP

Industrial ovens

Navy

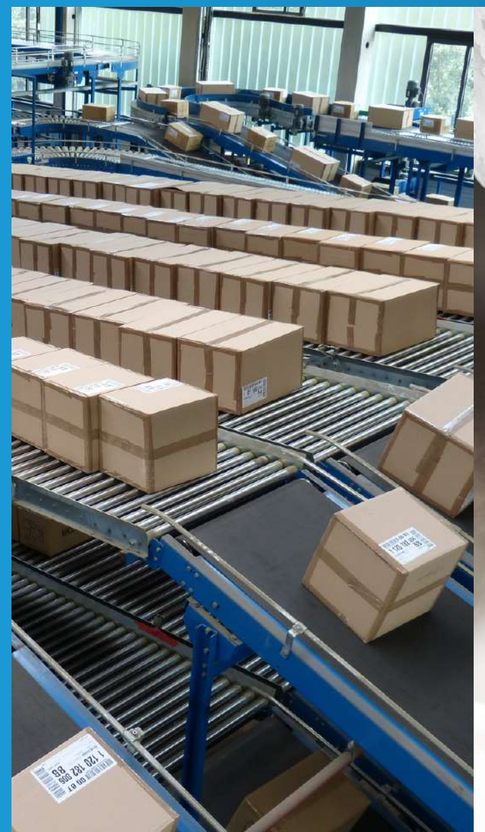
Chemical

Industrial drying

Agricolture

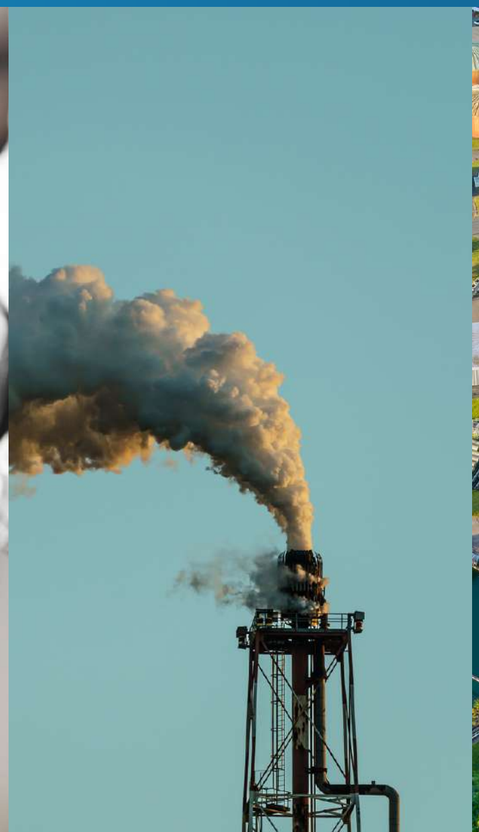
CBI® GROUP

Packaging

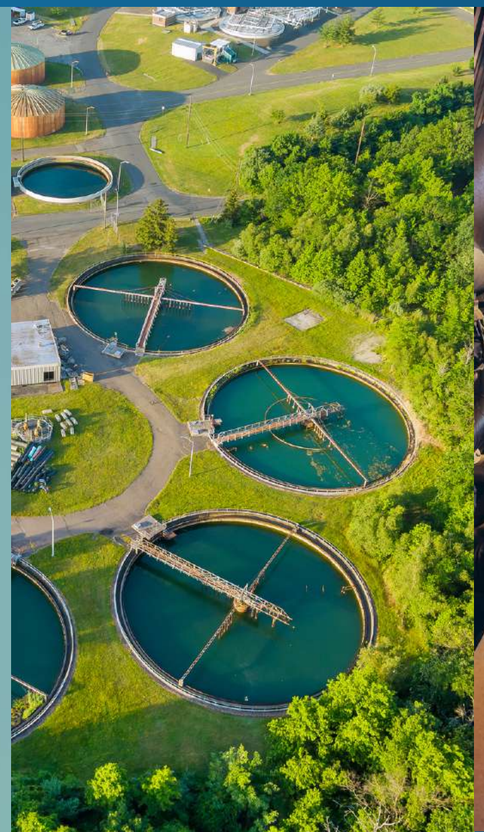


Painting

Air management



Water management



Waste management

CBI Group

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