



stiavelli irio



A Family Company, Since 1946

Our company has always provided our customers with reliable and **high-grade products and solutions**, offering an outstanding service through a responsive customer relationship, working proudly with passion and creativity.

Since 1946 we have promoted **the quality of “Made in Italy”** for our products all over the world, and since the '60s paved the way for industrial ventilation in Italy, a sector in which the company became a benchmark.

We are also committed **to work in a responsible and sustainable way**, by evaluating new solutions through which we can contribute to global efforts to preserve the environment, making the world a better place for the future generations.

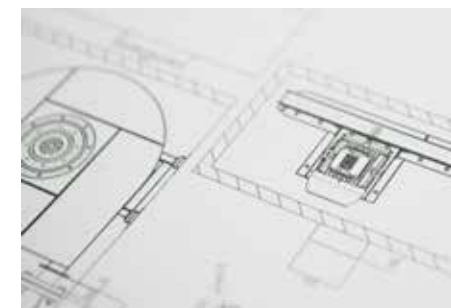


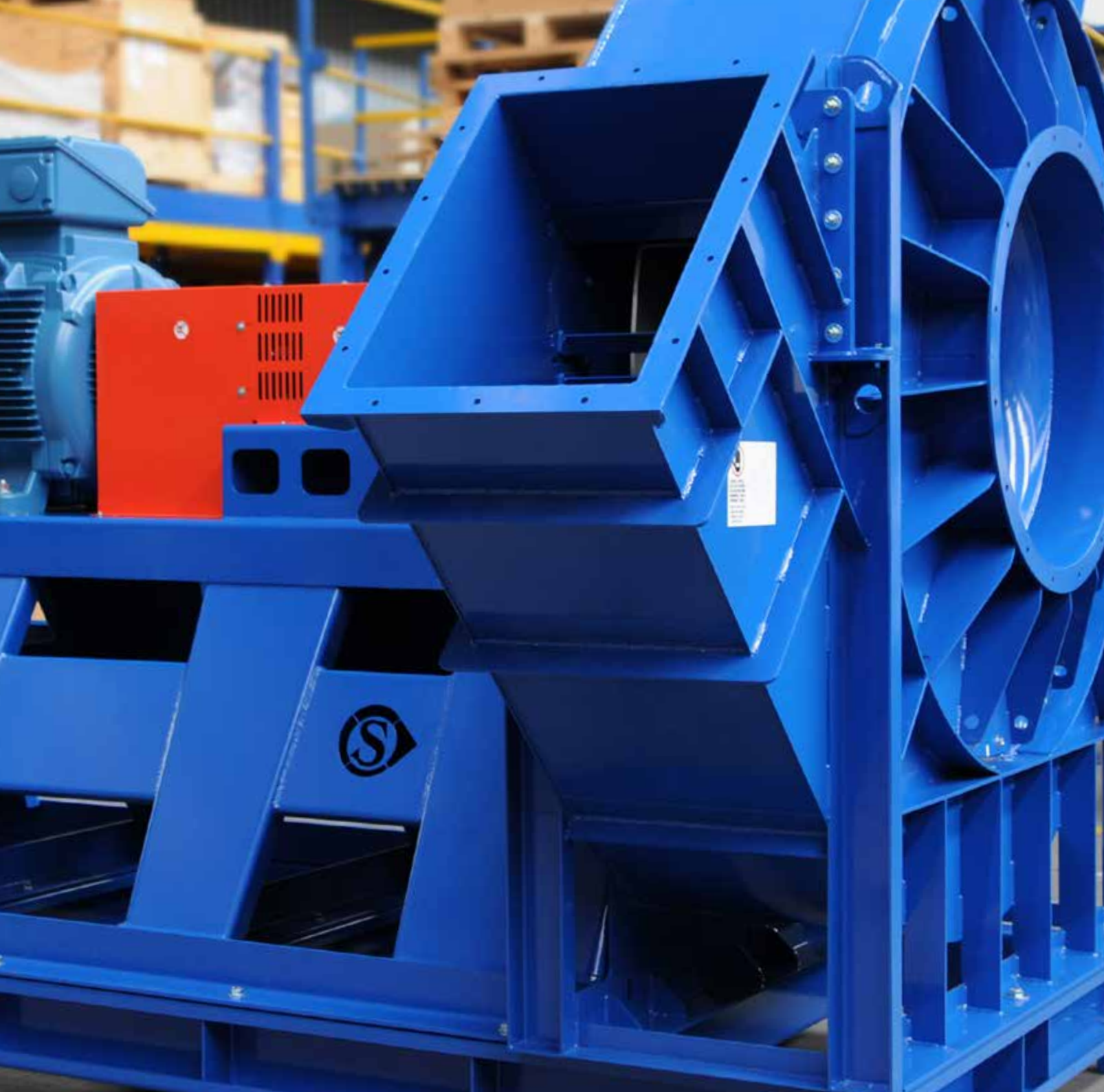
Customized Fans & Blowers: Your Tailored Solution

We maximize the value of our products through advanced technology, experience, and quality of our work so we realize state-of-the-art **Custom Industrial Fans and Blowers**.

Innovative design for **top performance and unparalleled efficiency**, to move air, gas or dusty fluids at virtually every pressure level. Reliability and resistance in harsh environments and strenuous applications for a nearly limitless lifetime.

To better satisfy **customer's application requirements** we can propose bespoke coating processes, different materials, new and improved technologies, in compliance with the latest standards and regulations.





Mill and Cereals
Conveying Centrifugal Fan



Chemical Industry
High Pressure Double-Stage Fan



Chemical Industry
Oxidation-Proof Process Fan



Pulp and Paper
Trim Chopper Fan



Cement Industry
Double-Stage Conveying Fan



Glass Industry
Plug Fan for hot Air Circulation



Environmental
Induced Draft Fan



Chemical Industry
Stainless Steel Centrifugal Fan



Marble Mechanical
Silenced In-line Axial Fan



HVAC Air Handling
Wind Tunnel Fan



Chemical Industry
Bifurcated Case Axial Fan



Marine Industry
Axial Ducted Marine Fan

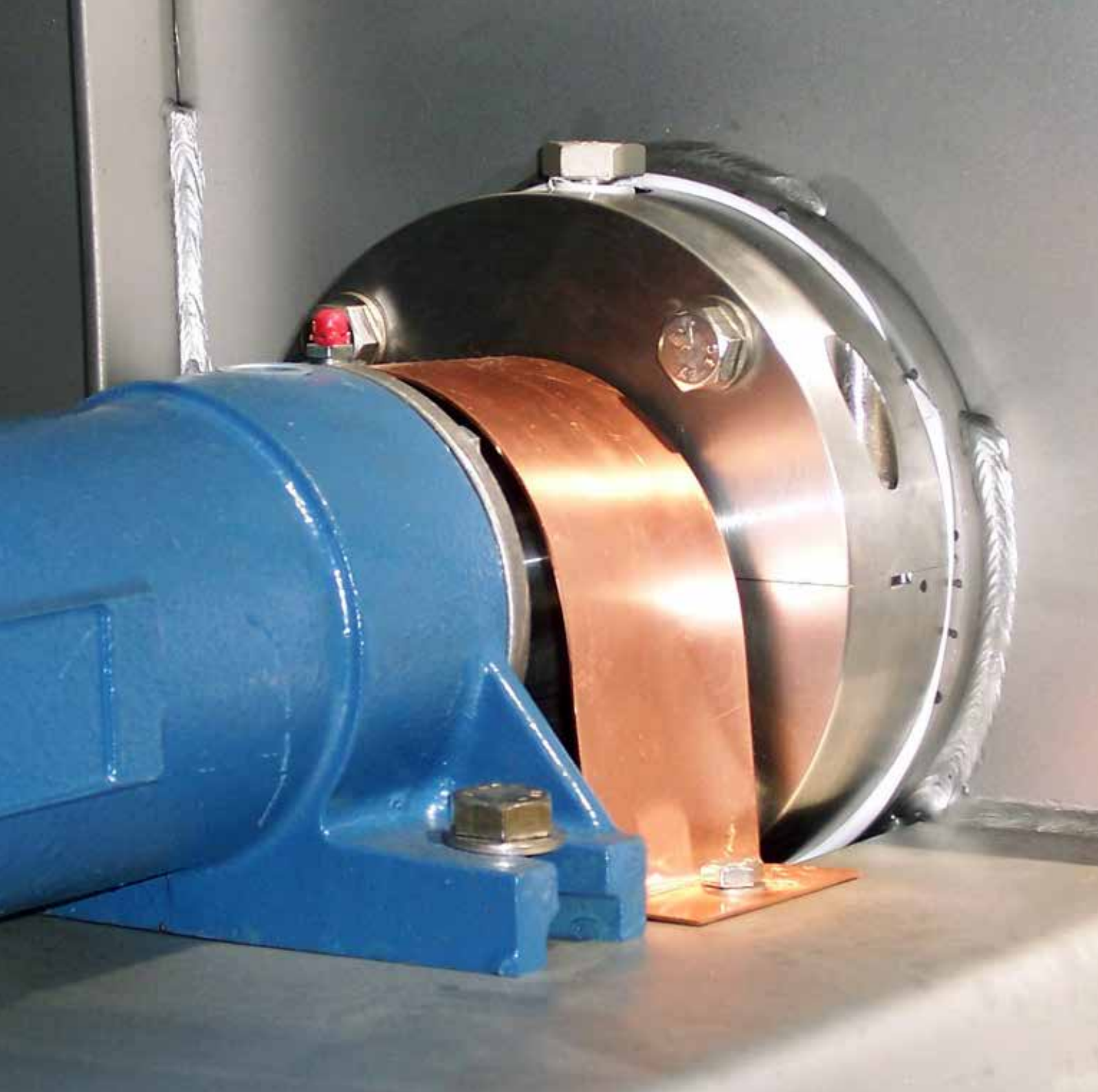
Explosion-Proof Fans and Blowers

Specific **non-sparking and explosion-proof fans and blowers** can be provided to work properly in hazardous areas (classified zones) for explosive gases or dusts.

Our Industrial Fans are supplied **in compliance with ATEX Directive 94/9/EC**. Fan data for hazardous areas registered at TÜV Sud. Declaration of Conformity is supplied each time with the product.

Brass and aluminium rings and bands are applied for **top safety**, certified terminal boxes and specific equipotential grounding terminals and custom specific devices to guarantee explosion-proof compliance.





Details, Components and Accessories

A complete **set of original accessories** can perfectly fit our fans as throttle valves, dapò flow regulators, shutters, duct joints, and more to regulate the delivery volume of the fluid with manual or automatic control.

Options for the fans are openable construction or multi-split case, advanced sealing system, multi-stage configuration, sensors, and regulating systems.

The safety of specific industrial processes is ensured by a fan's **excellent sealing system** that prevents leakage of fluids, without spreading dangerous chemical products into the atmosphere.



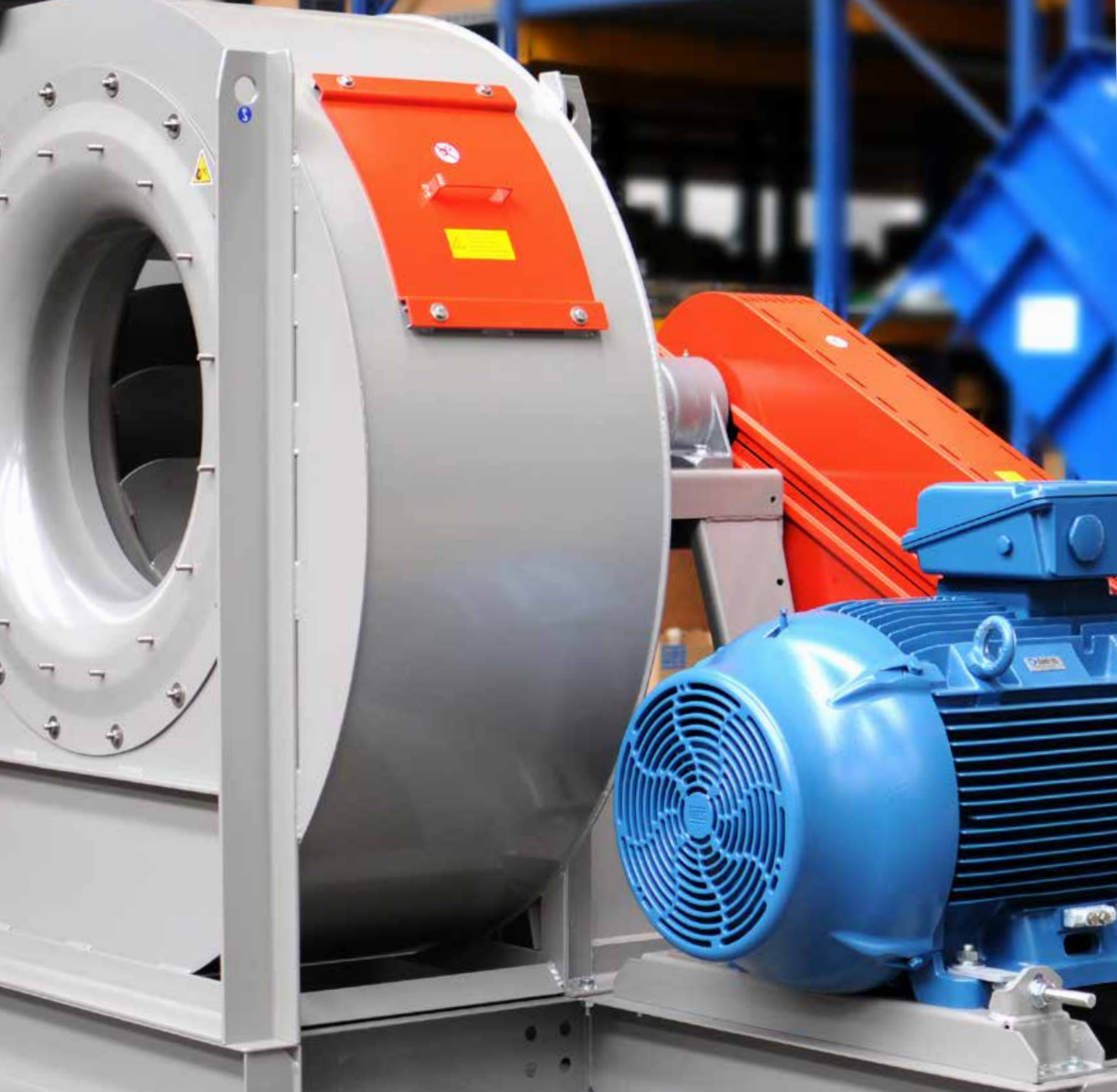
Centrifugal Radial Fans

Our standard **Centrifugal Multi-Purpose Y Line** is an historical reference in the industrial fans and blowers market. The most appreciated one, a benchmark for reliability and long life.

Advanced design impellers with backward or forward curved blades ensure **top performance and high efficiency** for a wide range of applications.

Our industrial fans comply with directives 2006/42/EC and 2009/125/EC for the setting of **Ecodesign Requirements for Energy Related Products**. Declaration of Conformity underlines our compliance with UNI EN ISO standards.





YVP/P

V (m³/h) = 180÷96.000
Pt (kg/m²) = 13÷240



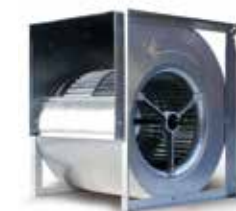
YVR/N

V (m³/h) = 180÷362.000
Pt (kg/m²) = 13÷450



YBT

V (m³/h) = 1.920÷4.800
Pt (kg/m²) = 26÷50



TMD-TDA

V (m³/h) = 200÷60.000
Pt (kg/m²) = 10÷110



YVV/N

V (m³/h) = 350÷8.400
Pt (kg/m²) = 35÷750



YVQ/N

V (m³/h) = 670÷255.000
Pt (kg/m²) = 72÷900



YVM/N

V (m³/h) = 330÷220.000
Pt (kg/m²) = 35÷540



YVA/N

V (m³/h) = 1.200÷228.000
Pt (kg/m²) = 95÷1.100



YHP.../N

V (m³/h) = 560÷242.200
Pt (kg/m²) = 112÷2.800



YHP.../P

V (m³/h) = 120÷28.500
Pt (kg/m²) = 190÷1.870



YTA/P

V (m³/h) = 180÷4.800
Pt (kg/m²) = 240÷1.200



YHPR.../D

V (m³/h) = 600÷24.000
Pt (kg/m²) = 1.230÷5.100



Ducted Axial Fans

Our **ducted axial fans** are efficient and enable top performance in case of inline air flow, thanks to a complete collection of impeller models, suitable for every application.



YEVP
 $V \text{ (m}^3/\text{h)} = 1.320 \div 8.500$
 $Pt \text{ (kg/m}^2) = 4 \div 45$



YEVF
 $V \text{ (m}^3/\text{h)} = 1.320 \div 120.000$
 $Pt \text{ (kg/m}^2) = 4 \div 100$



YEVL
 $V \text{ (m}^3/\text{h)} = 1.320 \div 120.000$
 $Pt \text{ (kg/m}^2) = 4 \div 100$



YEVK
 $V \text{ (m}^3/\text{h)} = 2.300 \div 65.000$
 $Pt \text{ (kg/m}^2) = 6 \div 75$





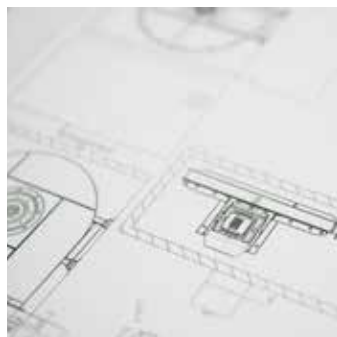
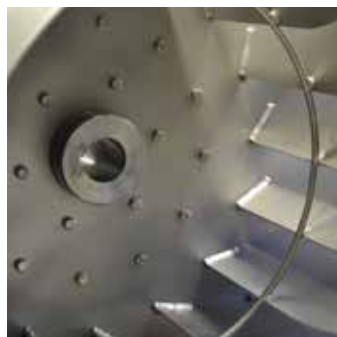
Outstanding Support and Worldwide Shipping

Global customers can have a direct relationship with us thanks to our **outstanding presale support**. Our technical department is available to convert Your request in the appropriate model of fan.

We arrange **worldwide shippings** every day to reach customers all over the world. Proper **packaging solutions** are conceived for transport and storing with precautions for corrosion, vibrations, shocks, humidity, dust, and accidents.

Our most important focus is **customer satisfaction**, achieved by offering the best products and service through **lifetime support and assistance**.





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