



INDUSTRIAL FANS

PRODUCT & SERVICE

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||
**PRESTIGE &
QUALITY IN
EVERY DETAIL.**

LEAD VIETNAM INDUSTRIAL FAN MARKET SINCE 1991.

TOMECO is proud to be the leading industrial fan manufacturer in Vietnam. We work for our belief that industrial fan products are like suits, the tailor manufactured one always fit your systems more and bring you better values. With 25 years accumulating experiences and building credibility, we have offered tens of thousands of truly customized fans for worldwide customer from Asia, Europe, America, Africa.

Our people are the core of what we do and, supported by industry leading engineering and our extensive track record, we build relationships that offer true, long-term value. The competencies and differences of TOMECO are made by a team of around 100 skilled and passionate employees. They are highly connected in work by an effective management system, which are built based on ISO 9001:2015 standard and other advanced management tools.

We design and fabricate industrial fans in most industries, particularly in the power generation, petrochemical, mining, steelmaking and cement manufacture sectors. Our fans are famous for their reliability, high performance and innovative technology.

...REACH GLOBALLY

TOMECO is proud to be the leading industrial fan manufacturer in Vietnam. We work for our belief that industrial fan products are like suits, the tailor manufactured one always fit your systems.

► GENERAL ELECTRIC CORP - AMERICA

Since 2012, TOMECO has been certified supplier in the global supply chain of GE. Thousands of cooling fan units for GE Wind Turbine Generator have been fabricated by TOMECO with excellence and stability in quality.



imagination at work

► GREENS COMBUSTION - UNITED KINGDOM

Greens Combustion is key customer of our metal fabrication service. Hundred of metal parts and components used in combustion industry have been tailored made by TOMECO.



► ELIBECK CRANES - AUSTRALIA

Exhaust centrifugal fan and environmental treatment products of TOMECO have been trusted by Elibeck Cranes since 2009.



FABRICATION - TESTING TECHNOLOGY & EQUIPMENT

Continuous investment and improvement of machinery, equipment and application of scientific and technological advances in production are the solutions for the sustainable development of TOMECO.

TOMECO has owned a synchronous production line with modern equipment such as:

- CNC plasma cutting machine
- 3.5kW CNC laser cutting machine - Amada (Japan)
- Yamazaki Mazak Horizontal Machining Center
- Dynamic balancing machines in factory and field .
- 100-ton - 3.1-meter 3D Amada press brake machine
- Surface treatment system and coating system with all required technology
- Professional design programming software CAD / CAM

TOMECO industrial fans are strictly monitored and managed in accordance with ISO 9001: 2000. TOMECO has invested in modern measuring equipment such as noise meters, pressure & flow meters, vibration meters, paint thickness meters, engine insulation meters.

Prior to export, all products are tested in accordance with standards such as ISO 10816 vibration standards, TCVN 5949: 1998 noise level standards, JIS B8330 pressure & flow measurement standards.

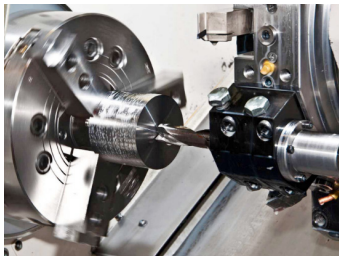
CNC LASER CUTTING



TOMECO have one of the most modern CNC Laser Cutting machines from Amada Japan with precision of 0.1mm. The machine can work with stainless steel, mild steel, aluminium, copper sheet with thickness of up to 20mm.



CNC MACHINING



The largest capacity and highest precision horizontal machining center in Vietnam.

VIBRATION ANALYSIS



Vibration testing and calibration with American technology analyzing equipment

COATING & PAINTING



Phosphate treatment line and powder coating line.

WELDING



Our team of highly skilled welders are equipped with high quality inverter welding machine from Japan.

DYNAMIC BALANCING



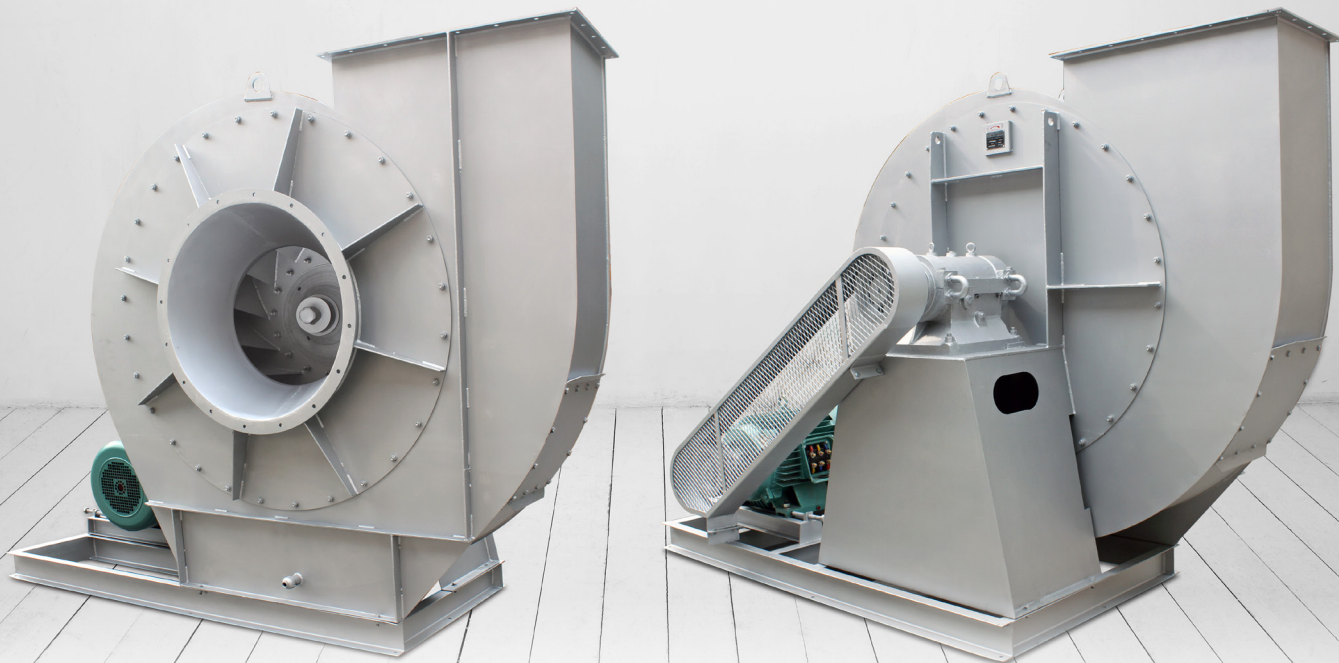
A line of digital dynamic balancing machines to balance impeller and other rotating parts as per G6,3 ISO Balancing Quality Grade

CNC 3D BENDING



CNC bending technology from Amada Japan with very large capacity.

OUR PRODUCT.

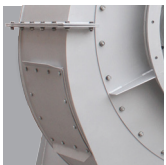


EXACTLY MEET TECHNOLOGICAL REQUIREMENT



TOMECO has an extensive experience accumulated in more than 20 years in the field of industrial fans design and manufacturing and state-of-the-art equipment and machines for research & development tasks to ensure product's specifications.

EASY IN INSTALLATION AND MAINTENANCE



A range of solutions for simplifying the tasks of installation, operation and maintenance are integrated in products such as hooks for lifting, multi-parts casings, taper lock bushing pulleys, maintenance doors & drain pipe for fan cleaning.

OPERATE SMOOTHLY AT ALL SPEEDS



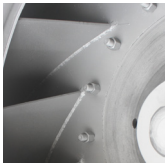
All impellers are balanced on horizontal dynamic balancing machine then tested and adjusted by field balancing devices with American technology to ensure the fan operate smoothly at speed up to 3000rpm, in accordance with ISO 10816 standard.

STRONG DESIGN - GREAT DURABILITY



All TOMECO products are made of high quality mild steel/stainless steel imported from Korea, Japan, Thailand with strong design & great durability at all environmental conditions.

HUGE ENERGY AND OPERATION COSTS SAVING



TOMECO industrial fans have excellent efficiency of up to 83%, saving energy consumption, environment friendly, saving operation costs for end users.

LOW PRESSURE CENTRIFUGAL FAN

Being well known as the most high efficiency fan available in the market, low pressure centrifugal fan products designed and manufactured by TOMECO are used for:

Supplying air for industrial processes and ventilation systems of commercial/residential buildings, stadiums, schools, etc.

Exhausting smoke in fire incidents and pressurization for fire control purposes.

Exhausting air with low dust level for environmental treatment equipments/industrial processes. Extracting exhaust air in industrial kitchen.

Loading heat for agricultural products processing line.

* Technical specification:

- Efficiency (%):	up to 83%
- Air volume (m ³ /h):	500-200.000
- Total pressure (Pa):	100-2.000
- Power (kW):	0.12-200
- Voltage:	3 ph, 380/660V, 50Hz
- Temperature limit:	350°C

MEDIUM PRESSURE FAN

TOMECO medium pressure fans are widely used for various industrial applications, including:

Heat transferring, air supplying, smoke extracting for coal burner, boilers, waste incinerators.

Use as a part of air treatment equipment, dust collecting/filtering system and other environmental treatment systems.

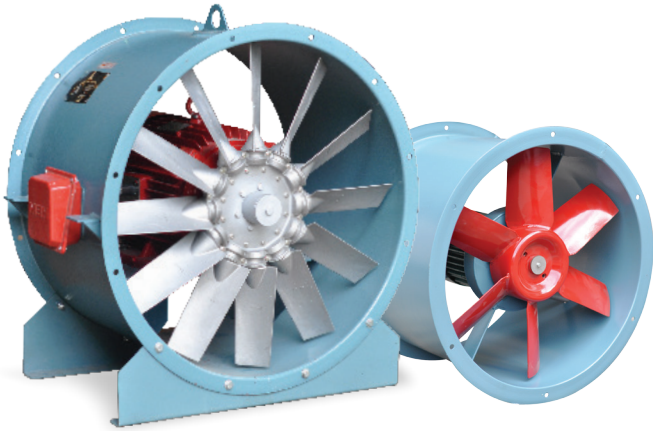
Use in fluidized bed drying technology.

Install for ventilation systems, toxic gases exhaust system in industrial processes.

* Technical specification:

- Efficiency (%):	up to 80%
- Air volume (m ³ /h):	2.000-200.000
- Total pressure (Pa):	1.500-6.000
- Power (kW):	0.75-630
- Voltage:	3 ph, 380/660V, 50Hz
- Temperature limit:	350°C

AXIAL VENTILATION FAN



TOMECO AFA fans are widely used for the tasks of ventilation and cooling, gases & moisture exhaust, air exchanging in buildings, workshops, factories, stadium, ship, etc.

The fan can be made of mild steel, gavalnized steel, stainless steel, aluminum, plastic and painted in accordance with different standard based on customer's request.

*** Technical specification:**

- Impeller diameter (mm):	250-2.500
- Air volume (m³/h):	1.000-200.000
- Rotational speed (rpm):	300-3.000
- Power (kW):	0.08-15
- Total pressure (Pa):	10-200
- Noise level dB(A):	60-75

HIGH PRESSURE AXIAL FAN



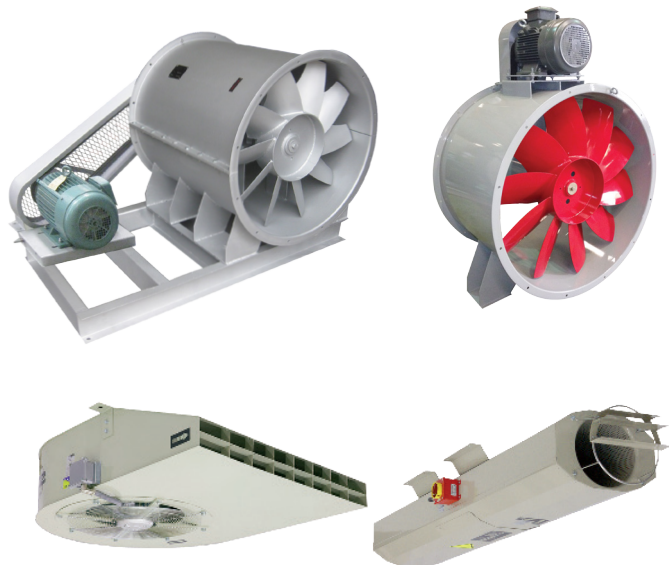
Mixed-flow high pressure axial products designed and manufactured by TOMECO are perfect choices for the need of air supplying, gases/smoke exhaust, pressurization in commercial/residential buildings, shipbuilding.

TOMECO mixed-flow fan models, including SWF, HL3-2A, IPF, etc., can be equipped with special motor to meet heat resistant requirements, such as 250°C within 1-3 hours. In addition, a wide range of innovative designs enable these fan operating quietly.

*** Technical specification:**

- Impeller diameter (mm):	250-1.500
- Air volume (m³/h):	500-200.000
- Rotational speed (rpm):	300-3.000
- Power (kW):	0.25-75
- Total pressure (Pa):	100-1.500
- Noise level dB(A):	65-90

HEAT RESISTANT AXIAL FAN



TOMECO AFC heat resistant axial fan are widely used as an essential part of drying, calcining systems, playing the role of heat transfer, smoke exhaust.

With high quality belt drive assembled mounted in specially designed cover box, the fans can work persistently with high temperature air flow.

*** Technical specification:**

- Air volume (m³/h):	500-200.000
- Rotational speed (rpm):	300-3.000
- Power (kW):	0.25-90
- Total pressure (Pa):	100-1.500
- Noise level dB(A):	65-90

HIGH PRESSURE FAN

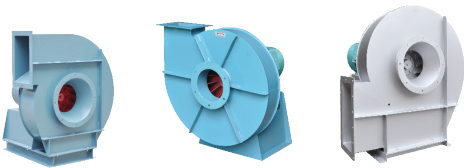
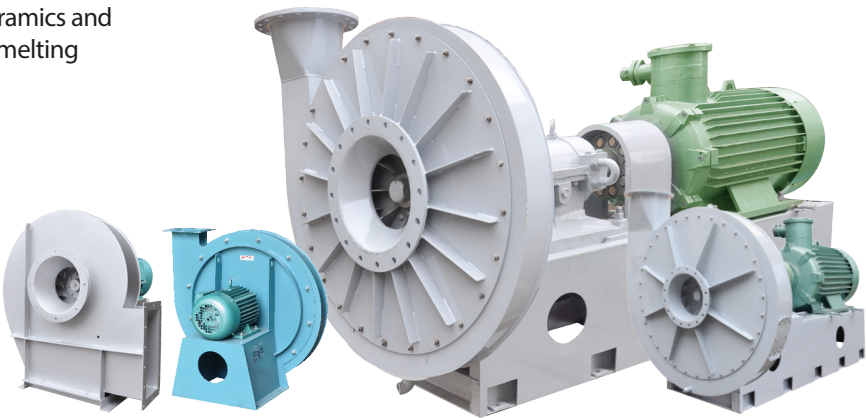
Pressurization for coal gasification station in ceramics and other building material manufacturing plant, smelting blast furnace, coking oven.

Transport alkaline gases, toxic gases, methane and other gases with strict safety requirements in the work process.

To be used in fertilizer/chemical production line, fluidized bed drying systems, burners.

Aerate environmental treatment equipment for microbiological technologies.

Explosion proof, sparkle proof available upon request.



* Technical specification:		- Power (kW):	0.75 –400
- Efficiency:	up to 75%	- Voltage:	3ph, 380/660V
- Air volume (m³/h):	500 - 100.000	- Frequency:	50Hz
- Total pressure (Pa):	2.000–25.000	- Temperature limit:	300°C

ROOF EXTRACTION FAN

TOMECO roof exhaust fan model DWT is used for ventilating and exhausting high temperature air building up under the roof of industrial workshops, animal farms. The fan can be made of composite materials for the requirements of corrosion proof.

* Technical specification:	
- Impeller diameter (mm):	315-1.500
- Air volume (m³/h):	1.000-50.000
- Rotational speed (rpm):	300-3.000
- Power (kW):	0.18-15
- Total pressure (Pa):	10-200
- Noise level dB(A):	60-75

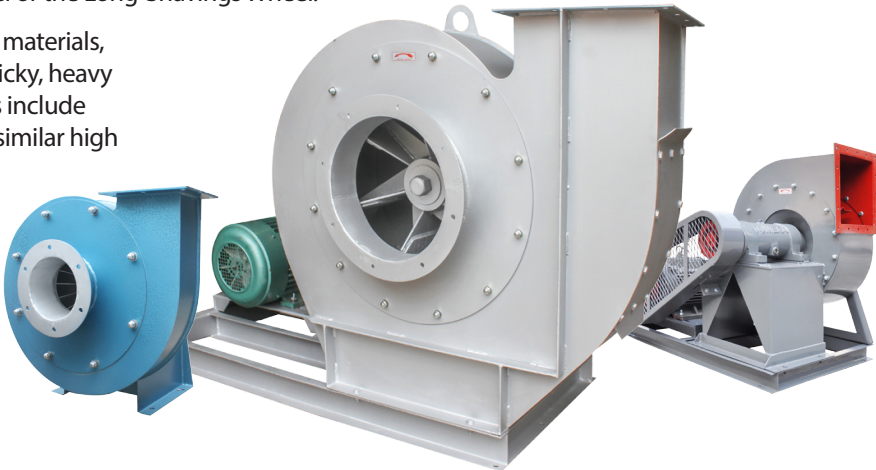


DUST & GRAIN CONVEYING FAN

TOMECO dust & grain conveying fans are equipped with 6-bladed steel radial wheels designed for the toughest industrial environments. Flat blade surfaces prevent material build-up or deposits and are easy to clean. Wheels are statically and dynamically balanced for smooth long-lasting operation, keyed to the shaft and secured with multiple set screws. Most fan sizes can be ordered with either the Wool-Fiber Wheel or the Long-Shavings Wheel.

The fans can be used to handle various types of materials, long fibers or other stringy material as well as sticky, heavy or abrasive dust air streams. Typical applications include conveying, induced draft, industrial ovens, and similar high temperature installations to 350°C

* Technical specification:	
- Air volume (m³/h):	600-100.000
- Total pressure (Pa):	1.500-6.000
- Power (kW):	0.75-500
- Voltage (50Hz):	3ph - 380/660V
- Temperature limit:	350°C



COMPREHENSIVE INDUSTRIAL FAN SERVICES

25 years in the industry has brought us an extensive experience in what are customer's problems and how to solve them. Innovation, which is embedded in our culture, helps us find more and more superior solutions. With our line of modern & reliable machines for production, testing and measurement, you can enjoy fast and effective services with guaranteed results.

► DESIGN SERVICE

Supply customers with detailed drawings of selected parts and other documents, including performance curves, noise analysis report, etc.

► FAN REFURBISHING SERVICE

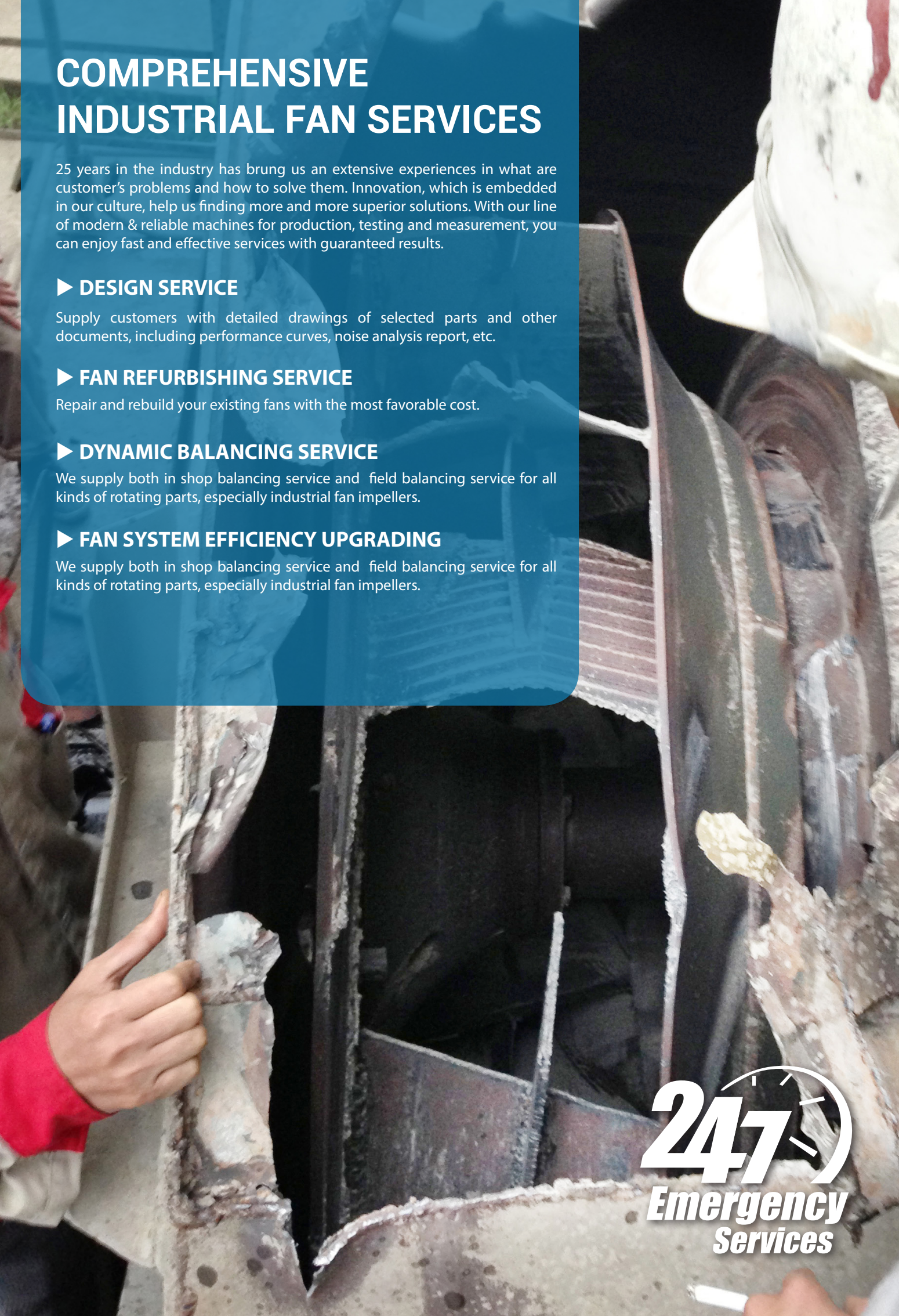
Repair and rebuild your existing fans with the most favorable cost.

► DYNAMIC BALANCING SERVICE

We supply both in shop balancing service and field balancing service for all kinds of rotating parts, especially industrial fan impellers.

► FAN SYSTEM EFFICIENCY UPGRADING

We supply both in shop balancing service and field balancing service for all kinds of rotating parts, especially industrial fan impellers.



24/7
**Emergency
Services**

CUSTOM METAL FABRICATION SERVICE

General Metal Fabrication Capabilities

SMALL - LARGE - HEAVY

Custom Metal Fabricated Components

TOMECO Fabrications takes great pride in our industry-leading custom metal fabrication services. This is the core of our business, and is a process we take seriously. We work on small, large, and heavy components. Our team of experts provide over a dozen metal fabrication services, from precise CNC machining to bending, forming, and so much more. We work with a large variety of metals and raw material forms.

Our loyal customers come to us from a diverse array of industries. Their applications and products are numerous, which include sheet metal, complex assemblies, music equipment, fuel tanks, fixtures, and much more. What they all have in common is their satisfaction in Porter's exceptional results and service. For years we have been dedicated to providing the best custom metal fabrication services available, and we continue to do so.

Quality Assurance System

ISO 9001:2015 Certified by ACS Registrars.
Certification No. VN/24/0892866429

Production Efficiency

5S Methodology
Lean Manufacturing

Production Volume

Prototype
Medium
Mass Production

Metal Fabrication Methods

Bending	Pressed
CNC Machining	Rolling
Curving	Sawing
Cut Off	Screwing
Cutting	Stamping
Forming	Stiching
Machining	Welding

Materials Used

Alloy Steels	Carbon Steel
Aluminum	Iron
Brass	Stainless Steel
Bronze Alloy	

Raw Material Forms

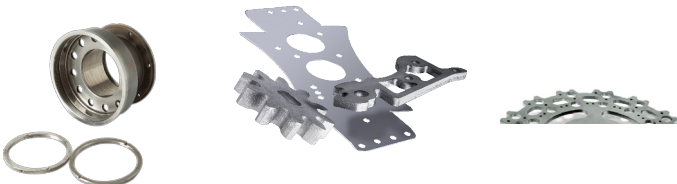
Coil	Tubing
Sheet	Plate
Bar Stock	

Metal Fabricated Products

Complex Assemblies	Fixtures
Sheet Metal	Equipment
Thick Plate	Heavy Industrial
Heavy Metal	Complex Shapes
Hydraulic/Fuel Tanks	Frames

Lead Times Available

2-4 Weeks (Standard)
Rush Services Available





CONTACT US

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