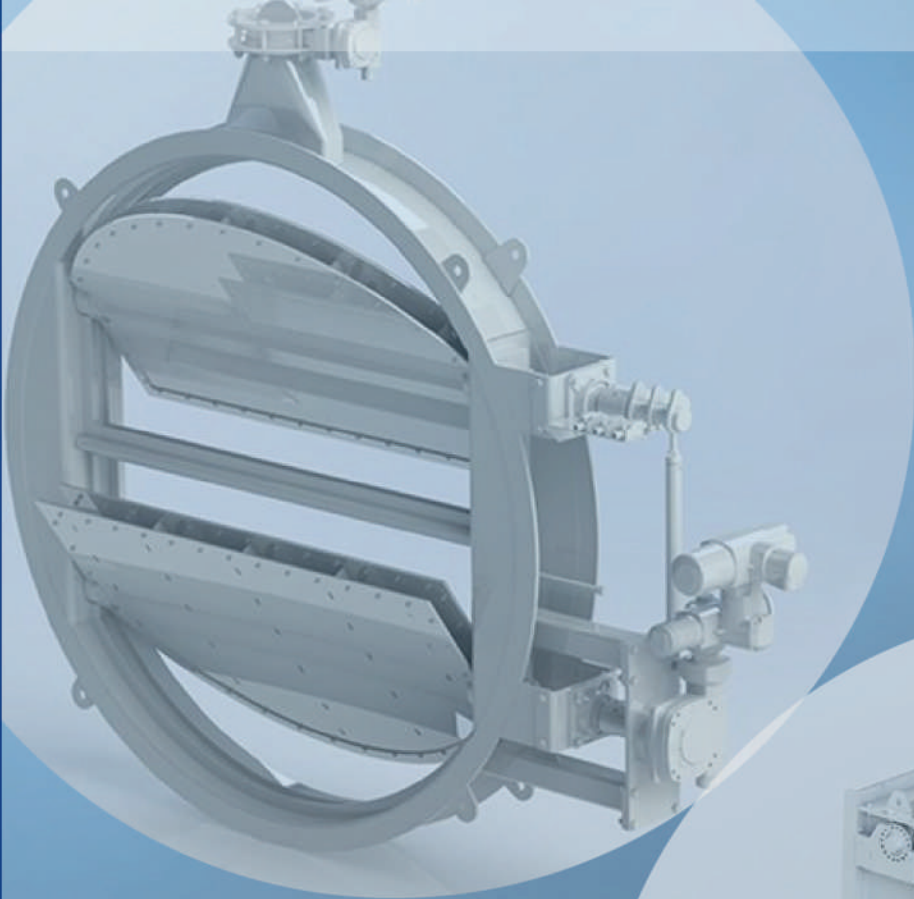


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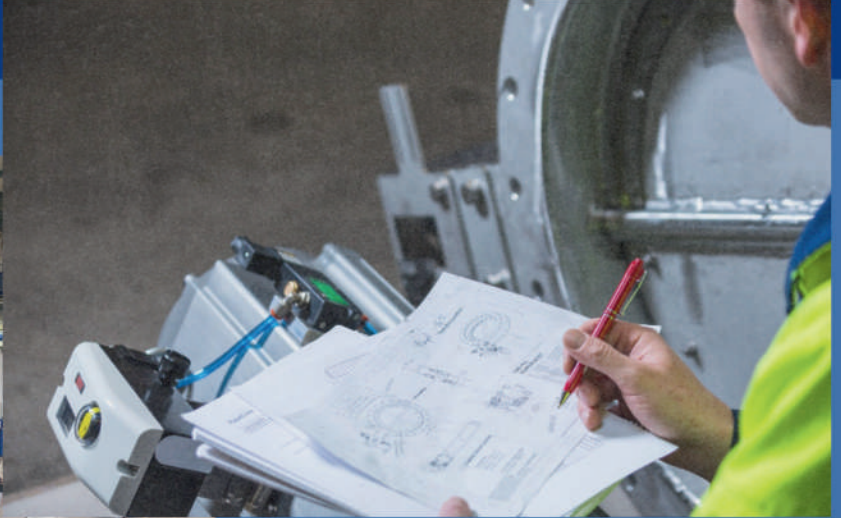
FORTEK INDUSTRIAL  
DAMPER TECHNOLOGIES



SUSTAINABLE SOLUTIONS  
HIGH PRODUCTIVITY



# ABOUT US



Our company has global references in the engineering and installation of industrial facilities in different sectors, especially power plants, and manufactures high efficiency industrial dampers.

With our years of experience in industrial damper design and production, we serve globally in the sector with innovative ideas, efficiency-oriented systems and special design products.

Our strength is not only in our products, but also in our values; the way we do business and the way we support our customers. We strive to exceed your expectations and provide unrivaled products and services. We invest in staff and technology so that we can meet your flapper requirements for projects around the world, both now and in the future. Fortek's core value is true partnership.

We prefer to work very closely with our partners throughout and between projects. To fully understand the customer's specific needs, our team is constantly available for feedback and more. Constant communication is our goal to ensure that our customers have the specialized technology and innovations that benefit them the most. Product support is an integral part of our services, all designed to ensure maximum reliability and effective, efficient process control for a solid return on investment.

At Fortek, quality means the way we conduct our operations, manufacture products and deliver services with the goal of achieving the highest possible customer satisfaction. This is achieved by producing products that meet our customers' specifications and demands, meet contracted delivery schedules, are reliable, safe, competitively priced and ideal for their end use. Everyone at Fortek follows the company's quality system guidelines and actively participates in system development. Moreover, our products and operations are continuously improved based on the customer feedback we receive.

Fortek is certified to TS EN ISO 9001:2008 Quality Management System and manufactures its products according to ISO 3834 Welding Process Quality Management System.

The Fortek ITP plan is a quality plan for all deliveries covering the entire production chain to ensure that ITP requirements are met. Fortek sets the rules to meet the agreed high quality level, either as a standard ITP or as a modified ITP on a project basis.

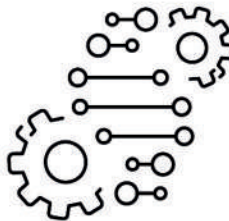


To the future  
together with you,  
always, for more!

## OUR SERVICES



**Damper Production**



**Modernization and  
Management of  
Damper Systems**



**Project Management  
and Procurement**



## DAMPER PRODUCTION

Fortek Industrial manufactures a wide range of dampers for power plants and industrial plants to control or shut off the gas flow in a fully sealed manner. We advise on selecting the right damper and actuator type and ensure that the most efficient design choices are made from the outset of the project. Careful planning in advance ensures that the end customer receives the ideal and best working damper systems for each application.

Production activities are carried out in the light of international standards and codes. In each of the manufacturing and quality control stages, the quality requirements stipulated by general standards such as EN, ASME, API are fully met.

Types of dampers produced in this context;

- > 2 Way Dampers
- > 3-way Dampers
- > Guillotine Dampers
- > Multi-louver Dampers
- > Marine Dampers
- > Butterfly Dampers
- > Full sealing dampers

In today's world where energy efficiency and emission dampers are very important, reliable and trouble-free operation of valves has become a necessity for modern facilities. As a result of the R&D studies carried out to improve its own designed valve systems and existing damper systems, Fortek Industrial has succeeded in providing 100% sealing with its air cushioned & metal alloy gasket sealing system. This system has been tested in many projects and received positive feedback and our design has been approved by our customers. Fortek provides great advantages with industrial, special design manufacturing and short delivery times.



# MODERNIZATION AND MANAGEMENT OF DAMPER SYSTEMS



## MODERNIZATION

Our design and engineering services can re-evaluate the operating requirements of older systems and advise on whether you can benefit from refurbishing or replacing dampers, components or controls. We can assess your current operating conditions and requirements and offer new solutions that will improve and/or extend the life of the equipment, resulting in long-term savings.

## MAINTENANCE

Damper failures can be predictable and preventable; warning signs are often visible to experienced damper experts, and proper management and maintenance of your damper systems can help extend the life of the equipment. We also understand that dampers are often a small part of a large installation, but are critical to the performance, efficiency, stability and profitability of the process. With this in mind, regular maintenance by Fortek staff can give you peace of mind that your equipment is in good working order that can be relied upon.



## FIELD MANAGEMENT

Our After Sales Field Services Team provides service inspections, routine maintenance or comprehensive retrofit/overhaul of tipper installations in any industry. All field work is supported by specific method statements and risk assessments. Our experienced team will minimize any breakdown in your operation and provide assurance with a detailed service report, recommendations, updated spare parts lists and a remediation plan for completion of all works.



# PROJECT MANAGEMENT AND PROCUREMENT

In order to improve the efficiency performance of projects, reduce wastage of resources, reduce costs and project durations, and achieve the desired quality levels, it is vital to identify the recommended project management model. The success of a project is directly proportional to the effort and care put into planning it and the skills of the project team. Therefore, project management is an issue that requires detailed planning, discipline and serious sensitivity in project processes.

Fortek Industrial has the experience and the necessary technological equipment to provide project management services to its customers in Turkey and abroad, and in principle, project management services proceed as a whole of processes established within the framework of ISO 9001 QMS.

Services provided in this context:

- Project design assessments
- Project feasibility analysis
- Equipment layout
- Preparation of manufacturing and assembly drawings
- 3D modeling
- Cfd analysis
- Potential and/or renewable energy options
- Energy efficiency and alternative production technologies



# Product Supply Management

Fortek is a global supplier of equipment for industrial plants and power plants. Our teams provide practical solutions and deliver projects with a focus on effective time and cost control and the highest quality delivery conditions.

Fortek supplies the following products;

- Electric Actuator
- Pneumatic Actuator
- Hydraulic Actuator
- Positioner
- Junction Box
- Limit Switch
- Cable Glands
- Blower
- Boilers
- By-Pass Chimney Systems
- GT Exhaust Systems
- Hvac Systems
- Industrial Chemicals
- Special alloy sheet supplies
- Inconel
- Hastelloy
- Avista
- Hitemp Hardox
- Compensator



# ENERGY EFFICIENCY

The growing population, the decrease in energy resources, and the increasing need for energy with the widespread use of tools and equipment make it necessary for the countries of the world to make innovations in their energy policies. The efficient use of existing energy resources, the development of environmentally friendly energy supply systems and the efficient consumption of the energy produced are the most important factors affecting the quality of the world we will leave to new generations. Both the development and dissemination of environmentally friendly technologies in energy production and the efficient use of the energy produced by end consumers are the most important steps to reduce the greenhouse gas effect resulting from energy production and consumption, which currently accounts for 80% of the world's carbon emissions.

Fortek Industrial has adopted 'Energy Efficiency' as a principle since the day it was founded. It has made significant contributions to our country in terms of energy efficiency with its R&D studies and projects in this field. With the awareness that the need for energy will increase and natural resources will decrease in the coming years, Fortek Industrial will continue to work decisively on this issue.

# Our References



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# FIDT

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