



# FLEXTOR

## Stack Damper Design Features



**Blade configurations.** Flextor offers a wide range of blade choices. For large diameter round stack outlet dampers, choices can be two-blade, four-blade or multi-blade. For large rectangular stack inlet dampers, blade configurations are designed to meet the needs for flow control of your application.

**Unique pressure relief system.** Flextor stack dampers are designed with a unique pressure relief system which allows for opening of the non-driven blades when pressure build-up occurs.



61, CHEMIN DU TREMBLAY  
BOUCHERVILLE (QUEBEC) J4B 7L6 CANADA  
TEL.: 450.449.9882 • FAX: 450.449.9883  
TOLL FREE: 1.888.FLEXTOR

WWW.FLEXTORINC.COM  
INFO@FLEXTORINC.COM

### Heavy-duty shaft, blade and linkage design.

Flows to the stack are voluminous and present large mechanical challenges. Our heavy-duty design ensures that shafts are steady, blades do not flutter, and linkages reliably move the damper blades when they need to be activated.

**Motorization** options include electric for smooth ramp-up and ramp-down, and pneumatic for rapid opening and closing.

**Optional features** include safety cages that respect OSHA requirements, shock absorbers to reduce blade slamming and noise, and view-ports for blade calibration after installation. Insulated blades are available for applications where heat retention is necessary.



### Flextor installations

Flextor stack dampers have been installed on some of the largest natural gas power plants in the world.

All our equipment is designed, fully assembled, and completely tested by our highly qualified staff.

No equipment leaves our building without full mechanical testing and certification according to our detailed inspection and testing procedures

### The Flextor commitment

From engineering through to startup, Flextor maintains detailed scheduling and monitoring to ensure that our products are complete, reliable, and delivered on-time.

Our innovative designs allow for compact shipping dimensions on regular flat-bed transport, even for stack dampers in excess of 20 feet diameter.

### Flextor products & services

Engineers and users around the globe have put their confidence in Flextor for their critical applications. Our products and services include;

- A full range of industrial dampers
- Non-metallic expansion joints
- Planning & Engineering
- CFD analysis
- Finite element analysis
- Installation and supervision
- Commissioning
- Service and maintenance