

Certified ISO 9001 : 2000



FGD - Zero Leak  
Inverters - HRSG  
Co-Generation - G  
- Profiled Blades - H  
Louvers - High Temp  
3 - Turbine Joints - G  
Dampers - Co-Generat  
- Profiled Blades - H  
Louvers - High Temp



# LOUVER DAMPERS

Louvers. Double Louvers. Tandem dampers.  
Radial Vane dampers.

Heavy-duty desig  
ature - Abrasio  
es - FGD - Zero  
es - HRSG - Tu  
Louver Damp  
n Resistant - P  
ero Leak - Lou  
es - HRSG - Tu  
Louver Damp

Engineered. To Order.

# FLEXTOR

## Louver Damper Design Features



**Where precise flow control is required, Flextor can offer you a complete line of heavy-duty louver and radial vane dampers.**

Simple louvers. Double louvers. Pressurized louvers for total flow isolation. Radial vane dampers for precise fan control. We have a proven design for your application. If we don't, we'll design one for you!

**Blade Configurations** Single louvers with parallel blade motion. Single louvers with opposed blade motion. Double louver dampers with or without seal air. Tandem dampers with pressurized blades. Blades are also designed to your needs, from simple blades to profiled and nested blade configurations.

**Linkages** The larger the louver damper, the more important linkages become. Don't settle for less reliable or less robust designs. All our shafts and linkages are over-sized so that performance is maximized. Thermal compensation can be achieved for very large louvers. Let us show you how.



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**Seat configurations** Depending on the application, seat configuration can play a major role in the reliability of any damper. Our High-Flex seats offer very tight shut-off, as much as 99.9 percent of flow, without the use of seal air fans. Flextor offers many configurations to meet your application. Swing-through, Metal-to-Metal bar seat, sloped bar seat, blade-lip leaf seal, composite fabric seats for very high shut-off in low temperature applications, and High-Flex metal seats for very tight shut-off in high temperature applications. Blow-off configurations are also available for high dust-loading environments.

**Bearing options for smooth operation** Reliability and efficiency. Bearings make the difference. Our dampers are designed with bearings such as self-aligning maintenance free roller bearings and sleeve bearings.

**Zero-leakage stuffing boxes** Flextor offers a unique "zero-leakage" stuffing box which ensures no leakage to atmosphere through the damper shaft. Machined coupling glands and compression glands are also available.



### Flextor installations

Flextor louver dampers dampers have been installed in boiler and stack isolation systems, HRSG systems, coal fired power plants, Cement plants, Pulp & Paper plants, and many other demanding Process Industries worldwide.

All our louver and radial vane dampers are designed, assembled and tested by our highly qualified staff.

### The Flextor commitment

We can offer a louver damper solution to meet your project needs from simple isolation, to SCR bypass and other complex environments.

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

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