



# IMI FLUID KINETICS

**IMI Fluid Kinetics, the noise control expert, is a premier supplier of noise abatement solutions engineered to meet the most demanding applications in all process industries.**

IMI Fluid Kinetics was founded in 1969, built on the principle of providing our customers quality, reliable, and engineered noise abatement solutions.

A dedicated team of people pay close attention to detail and craft each product to the specifics of the application.

IMI Fluid Kinetics is focused on delivering exceptional customer service and products that are engineered for a lifetime of service.

*Engineering  
GREAT Solutions*



## Critical applications

### Power Generation

Power plants are increasingly being built near residential areas to meet the ever increasing residential and industrial demand. Power plants emit high levels of noise during non-baseload conditions; which can only be addressed through specific sound abatement solutions. IMI Fluid Kinetics has developed a portfolio of solutions that range from vent and stack silencers that enable the plant to meet near and far field noise requirements

### Oil and Gas

There are stringent requirements in the oil and gas sector that stipulate noise level exposure for plant personnel, in addition to being good corporate citizens for the surrounding communities. IMI Fluid Kinetics offers gas vent and stack silencers to meet noise emission requirements.

Positive displacement pumps are susceptible reliability issues and can introduce damaging pressure pulsations in downstream piping systems. Suction stabilizers mitigate issues with entrained gas and cavitation at the inlet of the pump while pulsation dampeners reduce the magnitude of the pressure pulses.



## Our key technologies

### Steam vent and blowdown silencers

In a safety relief system, the primary release of noise energy occurs at the open stack exit. EVO silencers using dissipative and reactive noise reducing technology are installed either within the stack or at the stack outlet to intercept this noise before it escapes into the environment.

### Exhaust silencers

IMI Fluid Kinetic's CTS silencers provide the required attenuation for predominant, very high frequency noise. The rugged silencer panel is designed to treat noise in the aggressive service conditions of turbine exhaust.

### Pulsation dampeners

IMI Fluid Kinetic's pulsation dampeners maintenance free inline devices with no moving parts specifically designed to eliminate pulsation and reduce maintenance in power pump discharge lines.

### Suction stabilizers

Suction stabilizers protect against cavitation and entrained gas problems while making up for pressure head and ensuring smooth pump operation.

### Capabilities

- ASME Section I certified
- ASME Section VIII certified
- QS9001-2008
- ISO14001
- CRN and PED available
- NDE
  - Certified weld inspector
  - Positive material identification
  - Hardness testing
  - Level II certified inspection

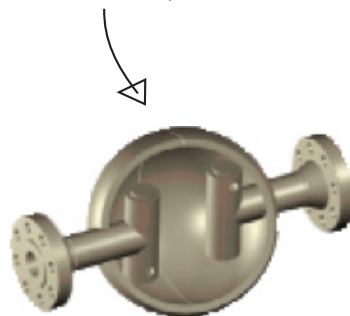


*Steam vent and blowdown silencers*

*Exhaust silencers*



*Pulsation dampener*



## Contact

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