

# The Silent Hero of Industrial Design: Why You Need Acoustical Curtain Systems







In the world of industrial design, we're often captivated by powerful machines, complex processes, and cutting-edge control systems. But there's one element that quietly works in the background—protecting workers, improving comfort, and ensuring compliance—yet rarely gets the recognition it deserves: Acoustical Curtain Systems.

At Kinetics Group, we believe these systems are the unsung heroes of modern industrial and commercial facilities.

# What Are Acoustical Curtain Systems?

Acoustical curtain systems are modular sound control panels that combine noise absorption and noise blocking into one flexible system. Built from layers of limp mass barriers and quilted fiberglass absorbers, these curtains are designed to reduce sound transmission and reverberation across a range of frequencies.

Available in a variety of configurations, they can be installed as:

- Freestanding barrier walls
- Complete equipment enclosures
- Movable or roll-away screens
- Ceiling, wall, or floor-mounted systems

These curtains are engineered to perform in demanding environments, offering both structural integrity and acoustic performance. Whether used as freestanding barriers or fully enclosed systems, acoustical curtains are designed for easy installation, reconfiguration, and maintenance access.

Their modular nature allows them to be seamlessly integrated into existing layouts, and they can be customized with accessories like viewports, acoustic louvers, ventilation silencers, and rigid roof panels-making them a practical and scalable solution for dynamic industrial needs.







# Why Are They Critical in Industrial Design?

Whether you're running a compressor station, generator room, or manufacturing line, uncontrolled noise is more than an annoyance—it's a safety hazard, a compliance risk, and a productivity killer. Here's how Kinetics' acoustical curtain systems solve real-world problems:

### 1. Serious Noise Reduction

Our systems can reduce sound levels by up to 25 dBA, depending on the noise spectrum and system configuration. That's enough to bring high-noise environments back within permitted exposure limits.

### 2. Code & Compliance Friendly

Noise regulations are tightening globally. Whether it's Municipal ordinances, or company standards, acoustical curtains help you stay within limits—protecting workers' hearing and keeping auditors at bay.



# 3. Engineered for Flexibility

Unlike permanent enclosures, acoustical curtains are modular and reconfigurable. They can be adjusted, expanded, or moved as your facility evolves. This makes them an excellent investment for facilities with changing layouts or temporary high-noise areas.

### 4. Built for Harsh Environments

Kinetics curtains are fire-rated, oil and chemical resistant, and designed for long service life in industrial conditions. You get performance, durability, and safety in one system.

# Where Are They Used?

They're ideal for equipment like fans, pumps, compressors, blowers, chillers, and generators, as well as for loading docks, substations, oil and gas sites, and in-plant offices.

Their modular design makes them equally effective for both permanent and portable applications, including temporary construction zones and mobile setups—delivering reliable sound control wherever it's needed.



### The Hero You Didn't Know You Needed

In a world chasing bigger, faster, and louder innovations, it's easy to overlook the quietest solution in the room — but that's exactly where the smartest choice often hides. Kinetics' Acoustical Curtain Systems are the silent hero your facility didn't know it needed. These aren't just flexible panels—they're engineered defenses against the rising tide of industrial noise. They deliver powerful noise control without sacrificing space, access, or adaptability.

More than barriers, they're essential tools in modern industrial design—protecting people, ensuring regulatory compliance, and preserving operational efficiency. Whether you're managing a high-decibel plant, a sensitive substation, or a dynamic workspace, acoustical curtain systems offer a solution that evolves with your needs. In today's industrial landscape, quiet is no longer optional —it's a design standard.

And acoustical curtains? They're not just part of the solution... They are the solution.