





At Adoni Tech, we understand the challenges faced by the crane industry in India and world-wide—delivering affordable and fast industrial shock absorbers and vibration isolation equipment. These critical components are essential for ensuring safety, efficiency, and reliability in industrial operations, and we are committed to solving these challenges

With streamlined systems and processes, we specialize in manufacturing and delivering high-quality deceleration products and vibration isolation solutions at a pace and cost that sets us apart

## **Our Founder**

Adoni Tech was founded by Mr. Paresh Advani, a seasoned mechanical engineer with over two decades of experience in engineering and product development. His passion for innovation drives our constant efforts to design and improve solutions that meet the evolving needs of the industry.

Mr. Advani's expertise and commitment to excellence guide our dedicated team of 30 skilled professionals, enabling us to serve clients not only in India but also across the globe.

## **Vision Statement**

"To become a global leader in creating better, safer, and more reliable solutions for controlling motion and reducing vibrations in industries around the world."

## **Mission Statement**

"Our mission is to make high-quality industrial shock absorbers and vibration control products that are affordable and delivered quickly. We aim to solve industry problems with smart ideas and reliable service to help businesses work smoothly and safely."



## Crane Buffers



**We manufacture more than 600 various ranges of crane buffers**

Due to advancement in crane technologies, cranes have become of higher capacity and faster in speed. It is also because of this reason Collision risk has increased dramatically.

Crane buffer is a safety device that protects cranes from damage and collision. Adonitech crane buffers are well equipped and protect the crane operator & area in which the crane operates from impact & collision.

Our Crane Buffers are designed to provide exceptional energy absorption and ensure safety in demanding industrial environments. With a robust, large-bore design and superior shock-absorbing capacity, these buffers are ideal for protecting heavy or super-large equipment such as cranes, rail systems, and machinery used in industries like steel, coal, and railways.

Built for reliability, these buffers excel in decelerating equipment smoothly and safely, even under high-impact conditions. Equipped with a nitrogen-charged return system, they reset quickly, minimizing downtime and ensuring consistent performance.

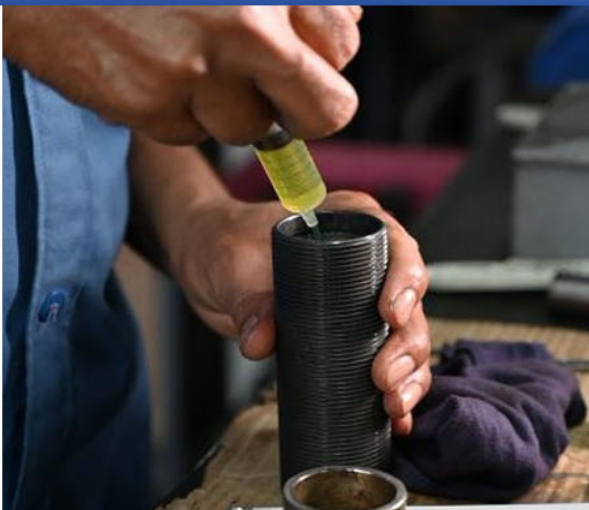
## Repair to Industrial Shock absorbers



## At Adoni Tech,

We specialize in revitalizing your industrial shock absorbers to ensure they function like new. Our expert repair service saves costs while maintaining the efficiency and safety of your operations

## Repair to Crane buffers



## Crane Buffer Repair Service: Bringing Your Crane Buffers Back to Life

**Our Promise: Expert Repair, Like-New Performance**

At Adoni Tech, we breathe new life into your worn-out crane buffers. Our repair service is designed to save you money and keep your operations running smoothly.



## Fixed Hardness Shock Absorbers



**Adonitech Industrial shock absorbers decelerate moving objects in a uniform way in a single acting stroke. Our industrial shock absorbers benefits are**

- ✓ Durable and long-lasting
- ✓ Resistant to harsh environments
- ✓ Low-maintenance
- ✓ Effective at absorbing impact and protecting your machines

## Adjustable Hardness Shock Absorber



Adoni Tech Adjustable Hardness Shock Absorbers Elevate your equipment's performance with Adoni Tech's Adjustable Hardness Shock Absorbers, engineered to deliver unparalleled control and adaptability in a wide range of applications. Designed with precision and innovation, these shock absorbers allow you to fine-tune damping force to suit your specific needs, ensuring optimal energy absorption and smooth operation under varying conditions. Crafted from high-quality materials, Adoni Tech shock absorbers feature a user-friendly adjustment mechanism that lets you modify hardness with ease—perfect for industries where input parameters fluctuate or precise deceleration is critical. Whether you're managing heavy machinery, automotive systems, or industrial automation, our adjustable design provides the flexibility to maintain peak performance without compromise.

## Hydraulic Feed Rate Controllers



At Adoni Tech, we design Hydraulic Feed Rate Controllers to provide unmatched control over the speed and precision of your machine's movements. Whether it's drilling, milling, or material handling, our controllers deliver consistent performance, ensuring safety and efficiency in every application.

A Hydraulic Feed Rate Controller is a device used in industrial machines to regulate the speed at which a machine part moves. It controls the motion smoothly and consistently, ensuring precision and safety during operations. The controller uses hydraulic fluid to absorb and manage forces, enabling the operator to fine-tune the feed rate as needed.

## Rotary Shock Absorbers



### How Rotary Shock Absorbers Work

A rotary shock absorber is a sophisticated mechanical device designed to control and dissipate rotational energy through a specialized damping mechanism. Here's a detailed explanation of its working principle

#### Basic Operating Mechanism

##### 1. Energy Conversion Process

- ✓ When a system experiences rotational motion or vibration, the rotary shock absorber converts kinetic rotational energy into heat
- ✓ This is achieved through internal friction and viscous damping mechanisms
- ✓ As the rotor moves, it encounters resistance from specialized internal components



## Shock Absorbers for Switchgear



## Protect Your Switchgear Ensure Reliable Operations

At Adoni Tech, our shock absorbers for switchgear are engineered to provide unmatched protection and durability for your critical electrical equipment. Designed to minimize vibration and absorb impact, these shock absorbers extend the lifespan of switchgear components while ensuring smooth and safe operations.

## Wire Rope Isolator



A Wire Rope Isolator is a robust and versatile vibration isolation device made from stainless-steel wire ropes that are looped and clamped between metal mounting bars. It is designed to absorb and reduce shock, vibration, and noise in various mechanical systems and equipment. These isolators are particularly valued for their durability, wide temperature tolerance, and ability to perform under extreme conditions.

Ensure the safety and longevity of your equipment with Adonitech's Wire Rope Isolators, the ultimate solution for shock and vibration isolation. Designed for durability and high performance, our wire rope isolators are crafted to deliver optimal vibration damping, noise reduction, and equipment protection across diverse industries.

# adoniTech



## Office Address

SLU – W – 39, Addl. MIDC, Kodoli,  
Satara, Maharashtra 415004



## Email ID

adonitech@gmail.com



## Call Us

+91 93228 84965

