

# BRIDGE RAILS & RUNWAY SYSTEMS

## THE FOUNDATION FOR A MORE PRODUCTIVE WORKFORCE.

Allied Bridge Rails and Runway Systems provide a flexible, reliable foundation for ergonomic material handling solutions. Designed to support manipulators, torque arms, balancers, and custom end effectors, our systems keep production moving with smooth, low-friction operation and scalable configurations for any facility.

SUPPORT  
 PEOPLE.  
 POWER  
 PRODUCTION.

## WHAT IT DOES

Bridge Rails and Runway Systems create a structured, overhead support system that enables smooth, controlled movement of material handling devices across large work areas. Whether it's a single workstation or a full facility, these systems improve ergonomics, maximize coverage, and adapt to your processes.

Allied solutions are engineered to your facility's layout, load requirements, and application needs, and can be integrated with manipulators, torque arms, balancers, and custom end effectors.



**SINGLE BRIDGE SYSTEMS**



**ENCLOSED RUNWAY SYSTEMS**



**FREESTANDING SYSTEMS**

## KEY BENEFITS



### Expanded Work Envelope

Covers large areas with smooth, unrestricted movement.



### Improved Ergonomics

Positions tools and loads exactly where needed, reducing strain and fatigue.



### Increased Productivity

Faster, more efficient material handling across multiple workstations.



### Flexible & Scalable

Configured to your facility layout and easily expanded as needs grow.



### Seamless Integration

Works with manipulators, torque arms, balancers, and custom tooling.



### Durable & Reliable

Engineered for demanding environments and long service life.

## COMMON APPLICATIONS



### AUTOMOTIVE & TRANSPORTATION

Assembly lines, body shops, powertrain, and component handling.



### INDUSTRIAL MANUFACTURING

Machined parts, sub-assemblies, and heavy components.



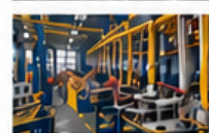
### CONSUMER PRODUCTS

Appliances, HVAC, and general assembly.



### AEROSPACE & DEFENSE

Precision component handling and assembly.



### GENERAL MANUFACTURING

A wide range of material handling and assembly operations.

REAL  
 CHALLENGES.  
 ENGINEERED  
 SOLUTIONS.

## THE ALLIED ADVANTAGE

From application expertise to complete implementation.

Allied combines engineering, manufacturing, integration, and ongoing service to deliver Bridge Rail and Runway Systems that fit the way you work. Our team supports custom design, application development, testing, and installation—backed by our Torque Lab and real-world experience.

*From concept to installation, we engineer solutions that fit the way you work.*