

ARTICULATING ARMS

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FLEXIBLE REACH. REAL RESULTS.

Allied articulating arms are custom engineered to help you move, position, and assemble components with precision and ease. Designed for maximum reach and flexibility, our articulating arms improve ergonomics, reduce operator fatigue, and increase productivity across a wide range of manufacturing and assembly applications.



SAFER.
SMARTER.
STRONGER.
TOGETHER.

WHAT IT DOES

Articulating arms provide extended reach and multi-axis movement, allowing operators to easily position and handle tools, components, and assemblies. Their flexible design allows for smooth, controlled motion through a defined work area, making it easier to reach challenging locations and improve overall workflow.

Allied offers a variety of configurations, mounting options, and end effectors to meet your exact application needs.



**COLUMN MOUNTED
ARTICULATING ARMS**

**OVERHEAD MOUNTED
ARTICULATING ARMS**

KEY BENEFITS



Extended Reach
Easily access hard-to-reach areas and complex work zones.



Improved Ergonomics
Reduces operator strain and repetitive motion injuries.



Increased Productivity
Faster, smoother positioning for higher efficiency.



Flexible Configuration
Multiple mounting options and custom end effectors for your application.



Smooth, Controlled Motion
Allows for precise and stable movement of tools and loads.



Durable & Reliable
Engineered for demanding industrial environments and long service life.

COMMON APPLICATIONS



AUTOMOTIVE & TRANSPORTATION
Engine assembly, component handling, and subassembly operations.



INDUSTRIAL MANUFACTURING
Material handling, assembly tools, and precision positioning.



AEROSPACE & DEFENSE
Handling of large, precision components and assemblies.



MACHINERY & EQUIPMENT
Assembly, maintenance, and part installation.



GENERAL INDUSTRY
Supporting a wide range of material handling and assembly applications.

THE ALLIED ADVANTAGE

From application expertise to complete implementation.

Allied combines engineering, manufacturing, integration, and ongoing service to deliver articulating arm solutions that fit the way you work. Our team supports custom 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.

REAL
CHALLENGES.
ENGINEERED
SOLUTIONS.