

ENGINEERED TORQUE ARM SOLUTIONS

**SUPERIOR CONTROL.
GREATER PRODUCTIVITY.
A SAFER WORKFORCE.**

Allied Torque Arms provide ergonomic tool support and precise torque reaction control for a wide range of assembly applications. Designed to reduce operator fatigue, eliminate torque reaction, and improve fastening quality, our solutions help you build a more efficient, consistent, and safer production process.



CUSTOM
ENGINEERED
SOLUTIONS
FOR A STRONGER
TOMORROW

WHAT IT DOES

Torque Arms absorb and manage torque reaction, keeping the tool steady and the operator in control. By supporting the weight of the tool and neutralizing torque forces, they enable precise, consistent fastening while reducing strain and the risk of repetitive motion injuries.

Allied solutions can accommodate a variety of tool types, mounting options, and reach configurations to fit your application, workspace, and production requirements.



OVERHEAD
MOUNT

VERTICAL
MOUNT

CUSTOM
CONFIGURATIONS

KEY BENEFITS



Eliminate Torque Reaction
Absorb torque forces to reduce operator fatigue and improve safety.



Improve Fastening Quality
Maintain steady tool position for more consistent, accurate torque results.



Increase Productivity
Enable faster cycle times with improved ergonomics and control.



Enhance Ergonomics
Reduce strain and the risk of repetitive motion injuries.



Flexible Configurations
Multiple mounting options and custom designs to fit your application.



Lower Total Cost of Ownership
Improve uptime, reduce rework, and extend tool life.

COMMON APPLICATIONS



AUTOMOTIVE & TRANSPORTATION
Body assembly, chassis systems, and final assembly fastening.



INDUSTRIAL MANUFACTURING
Assembly, equipment build, and high-torque fastening applications.



HEAVY EQUIPMENT
Large fasteners and structural assembly processes.



GENERAL MANUFACTURING
A wide range of assembly and production applications.

REAL
CHALLENGES.
ENGINEERED
SOLUTIONS.

THE ALLIED ADVANTAGE

A smarter approach to fastening.

Allied combines application expertise, engineering, manufacturing, integration, installation, and ongoing service to deliver torque arm solutions that fit your exact needs. Our engineering team supports custom design and application development, while our Torque Lab provides fastening expertise, testing, calibration, and technical support.

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