

FEATURED ALUM-A-LIFT ISO 5 CLEANROOM ARTICULATING ARM LIFT FOR SEMICONDUCTOR TOOLS



PROJECT 37282

Project 37282 is a custom Alum-a-Lift designed for precision handling in a Class 100 cleanroom environment. Built with a 300 lb load limit, this lift uses an articulating arm with a 90° range of motion to help operators position heavy, high-value components with control in tight semiconductor manufacturing and equipment assembly areas. The lift is CE rated and SEMI compliant, making it well suited for cleanroom production environments where safety, cleanliness, and equipment compatibility are critical.

The articulating arm gives operators the reach and flexibility needed to handle components around tools, frames, and workstations without relying on awkward manual positioning. Rolling outriggers are included for lifting stability and safety, providing added support when the arm is extended or when the load is positioned away from the lift's base. A powered drive wheel helps move the lift through production areas with less operator effort, while joystick handles provide intuitive control over speed and direction during travel.

To support different project needs, the lift is designed with interchangeable fixture attachments, allowing the customer to adapt the same base platform for multiple components or handling tasks. This modular approach helps reduce the need for separate dedicated lifts and gives teams a flexible cleanroom material handling solution for semiconductor tool assembly, installation, service, and high-tech manufacturing workflows. By combining powered mobility, articulated reach, rolling outriggers, and interchangeable tooling, this lift improves ergonomics, precision, and repeatability when handling sensitive components in cleanroom environments.



Model

S1000CRCS-70-L

Handling

Up to 300 lbs. [136 kgs.]
Semiconductor
components

Featuring

Articulating Arm Fixture
Rolling Outriggers
90° Range of Motion
Powered Drive Wheel Lever
Ergonomic Control Handles

Alum-a-Lift designs and manufactures turnkey ergonomic lifting solutions for companies around the world. Our proven solutions help manufacturers meet their material handling needs safely and efficiently.

☎ +1 770 489 0328 ✉ application@alum-a-lift.com 🌐 alum-a-lift.com

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