

FEATURED ALUM-A-LIFT

# ISO 5 CLEANROOM LIFT FOR HANDLING LITHOGRAPHY TOOLS



## PROJECT 36545

Handling heavy, high-value modules in a lithography inspection system requires precise, repeatable motion in a very small footprint. Project 36545 is a lift with a shuttling boom (lateral shuttle), engineered to handle components up to 1,100 lbs. [500 kg] in a semiconductor wafer fab environment. Optional conformities to CE and SEMI S2 were applied to this lift upon the customer's request. The lift is designed for use in a Class 100 (ISO 5) cleanroom, making it well-suited for advanced semiconductor production and inspection tools.

This lift is one of three Alum-a-Lift solutions for assembling, installing, and servicing a lithography inspection system. A primary boom accepts multiple component-specific end-attachments, so one base unit can handle different items. Lateral and front-to-back shuttling booms provide precise motion with repeatable resolution under 100 accurate module alignment, while a rotational lock improves control for that assembly.

To fit tight production bays, the lift has a minimized footprint and folding handle controls for maneuvering in confined spaces without losing control. Folded handles reduce the storage and maneuvering envelope; deployed handles provide stable, ergonomic positioning. Combined with the shuttling boom, component-specific attachments, rotational lock, and compact chassis, this creates a cleanroom-ready lift that improves safety, precision, and serviceability for lithography inspection systems and other high-tech tools requiring accurate positioning of dense, delicate modules in ISO 5 environments.



### Model

A3500CRCLRPD-84

### Handling

1,100 lb. [500 kg.]  
Lithography Tools

### Featuring

Lateral Shuttle Boom,  
Powered Vertical Motion,  
Component-Specific Attachments,  
Rotational Lock

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.

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