

FEATURED ALUM-A-LIFT
 QUARTZ TUBE LIFTER WITH HIGH PRECISION CLAMP

PROJECT
34589



MODEL A800CSLRPD-108

FEATURING High-Precision Clamp, Clamp-Force Limiter, Side-to-Side Rotation, Front-to-Back Rotation, Powered Drive Wheel, Adjustable Safety Pad

HANDLING 187 lb [85 kg] Quartz Tubes

DETAILS Handling quartz tubes has its challenges. Their delicate nature, risk of breakage, and precise placement requirements pose the need for a unique solution.

Alum-a-Lift developed a specialized lifting system for quartz tubes, featuring a high-precision clamp for secure gripping and powered rotation modules for comprehensive movement. The key innovation is the front-to-back rotation, which enables pickup and placement of tubes on an angled storage rack, while the side-to-side rotation ensures precise and safe orientation adjustments.

To further enhance safety and usability, the lift includes integrated safety interlocks to prevent unsafe motion, a clamp force limiter with a redundant backup switch, and an adjustable safety pad for additional tube protection.

