

# FEATURED ALUM-A-LIFT ELECTRIC SCISSOR LIFT FOR SEMICONDUCTOR CLEANROOMS

## PROJECT 33498

**MODEL** Scissor Lift; Short Stroke Cart

**FEATURING** Fold-down handle, 24 volt all electrical system, Novel drive system, ISO 5 (Class 100) cleanroom rated

**HANDLING** 150 KG [ 331 lbs] Loads

**DETAILS** Scissor lifts are normally a commodity level item. However, these are generally hydraulic powered and not compatible with cleanroom standards. When a leading semiconductor tool supplier needed a tailored solution for field service in fabs, Alum-a-Lift was up to the task. Not only is this lift small, lightweight with an all-electric system, it is the only known scissor lift suitable for Class 100 (ISO 5) cleanrooms. It also features custom interface for tooling and uses a proprietary multi-stage drivetrain. Given the limitations when scissor lifts are retracted, this created the need for us to develop a novel mechanism to facilitate lifting prioritizing safety and ergonomic field service.

