



MANUAL ADJUSTABLE ARM LIFT FOR HANDLING CASE CARTS

PROJECT 36414

Moving heavy case carts between floor levels in a constrained, sensitive environment requires a lift that is both compact and completely manual. Project 36414, the Manual Adjustable Arm Lift for Handling Case Carts, is a manually driven Alum-a-Lift with an adjustable arm attachment, designed to handle case carts weighing up to 240 lbs. The lift is used to pick up case carts equipped with hold-down clamps and retention features for two cases, then raise and position them at a second level or mezzanine for installation.

Because the lift is stored in an area where electronic equipment is not allowed, the system is entirely manual, maintaining the integrity of the storage area. The adjustable arm is designed to stay within the wheel footprint during transport, reducing the risk of collisions in tight corridors. When it is time to install the cases, the arm can be extended out from a stored position to reach the required location. The boom includes adjustable drag/brakes on the swiveling joints so operators can move and position the arm smoothly while still having enough resistance to hold it in place where needed.

A special feature of this manual lift is the removable hand wheels. When removed, they reveal a hex shaft that allows operators to use a power drill to drive the lifting mechanism, providing a powered assist when desired without adding permanent electronics to the lift itself. This combination of manual operation, adjustable arm structure, removable hand wheels with drill interface, and adjustable boom drag creates a flexible case cart handling solution suited to facilities that need to move heavy loads to mezzanines while limiting or avoiding electronic components in certain areas. The same concept can be adapted for other nuclear, research, and specialized industrial environments where equipment is stored in restricted zones and must remain fully functional without electronics.



Model

A1500CSLRMT-60/68

Handling

Up to 240 LB [90 KG]
Case Carts

Featuring

Articulating Arm, Manual 360° Rotation,
Telescoping Mast, Handling Case Cart

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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