



DRUM HANDLING LIFT FOR TIGHT PALLET STORAGE

PROJECT 36036

Alum-a-Lift's Drum Handling Lift for Tight Pallet Storage is a custom ergonomic drum lifter engineered for safe, space-efficient metal drum handling in tight pallet configurations where side-gripping drum handling equipment cannot be used. In these applications, steel drums sit very close together on a high-friction pallet surface with almost no lateral clearance, making it difficult to reposition drums while still requiring reliable access to drums at the middle and far side of the pallet for safe, efficient material handling.

To solve this drum handling challenge, the lift engages each drum from above with a parrot's beak drum gripper. This rotation-free, overhead drum grip eliminates the need for side clearance and allows the operator to pick metal drums from middle and far pallet positions without restacking or shifting the load. The parrot's beak drum gripper can be extended to reach across the pallet while keeping the end effector within a controlled, predictable operating envelope, improving both safety and positioning accuracy in confined warehouse and production environments.

A specially designed arm reaches exactly where it is needed and runs on a stable track for precise, controlled drum handling. Operators can lift drums securely without sliding them on the high-friction pallet surface, reducing the risk of drum tipping, product damage, or loss of control during transport. Intuitive controls and clear sightlines support single-operator use, making this compact, application-specific Alum-a-Lift drum handling solution ideal for safe, ergonomic, and space-efficient metal drum handling in tight pallet layouts where conventional drum handling equipment falls short.



Model

A800CSPD-48

Handling

Up to 44 LB [20 KG]
Drums

Featuring

Manual Lateral Shuttle,
Manual Forward Shuttle,
Parrots Beak Drum Gripper,
Powered Drive Wheel

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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