

Two-Joint Swing Arm Vacuum Lifter

Precision Handling with Hygienic, Flexible Design

The Two-Joint Swing Arm Vacuum Lifter offers a highly versatile solution for the safe and efficient handling of a wide range of loads—including paper and plastic sacks, boxes, sheets, crates, and cartons. Its robust yet hygienic design makes it ideal for use in industries such as food processing, pharmaceuticals, and cleanroom environments.

KEY FEATURES:

- ✓ **Versatile Load Handling:** Capable of lifting and accurately placing various materials and container types. Bags or sacks can be split and opened without compromising vacuum suction.
- ✓ **Hygienic Swing Arm Design:** The vacuum is transferred internally through the arm and column structure, eliminating the need for external hoses and reducing contamination risks. Unlike traditional rail-based systems, this enclosed design prevents dirt traps and supports compliance with hygiene standards.
- ✓ **360° Operational Range:** Mounted on a central column with full 360-degree rotation, the system provides an effective working footprint of up to 5m (16 feet) in diameter. The standard arm length is 2.5m (8 feet).
- ✓ **Flexible Mounting Options:** Bolt-down and portable options available.
- ✓ **Interchangeable Vacuum Heads:** A wide selection of quick-change vacuum heads supports the handling of various item types—ranging from sacks and boxes to cartons, panels, barrels, and more.
- ✓ **Built-In Safety Mechanism:** In the event of a power failure, the system gently lowers the load to the ground before releasing the vacuum seal, ensuring operator and load safety.
- ✓ **Reliable Performance:** Powered by an electric vacuum pump with standard 415V 3-phase or optional 240V/110V.
- ✓ **Height Adjustment (Optional):** Bespoke adjustments to mast height available for low-clearance areas.
- ✓ **Material Options:** Available in painted mild steel or stainless steel (304 or 316) to suit environmental and regulatory requirements.

The Two-Joint Swing Arm Vacuum Lifter is a durable, ergonomic, and hygienic solution for high-volume, high-care handling tasks—delivering smooth, controlled performance across a wide range of industrial applications.

