



**Ergonomic Lifting Systems
for Repetitive Handling**

Vacuum Tube Lifting Systems

**Unmatched
Quality and Value**

Made in USA since 1968



Featuring **Armadillo™**
Long-Wearing Vacuum Tubes

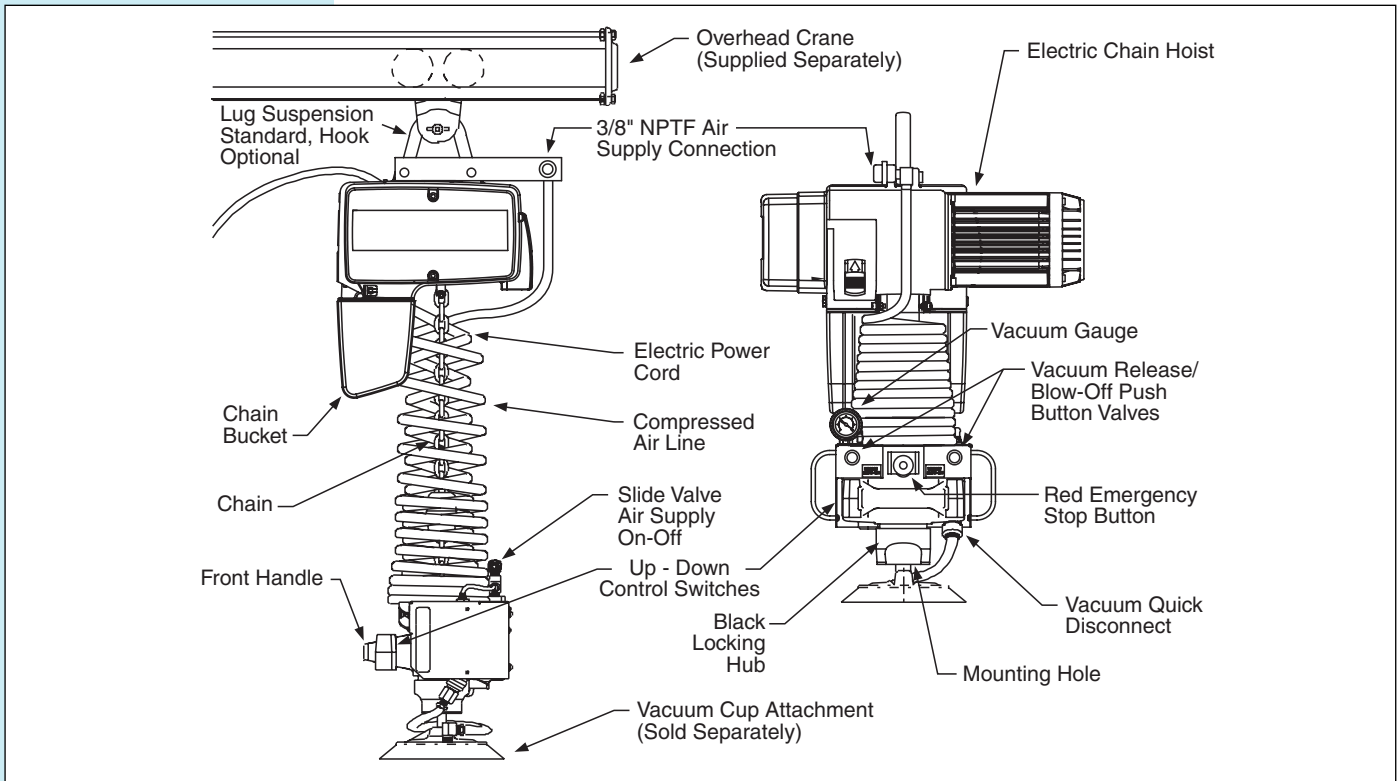


VM Vacuum Lifting Systems

► Hoist-based, Fully Integrated Non-Weight Sensitive Systems Ideal for One-Person Handling of Non- to Semi-Porous Loads in Tight Spots

ANVER VM Vacuum Lifting systems are fully integrated systems designed for fast, safe, one person handling of small, compact objects. The VM system can handle the load surfaces of most non- to semi-porous materials and is ideal for repetitive production line use, such as lifting and loading products into a box. A compressed air or electric

vacuum pump provides the suction necessary for load holding; a rugged, electric chain hoist is used for load lifting. The chain hoist provides secure up/down movement, eliminating the possibility of load suspension failure during movement. This allows the load to hang exactly in position when set in place, with no drift.



- Low Cost, Low Maintenance, Light Weight, Compact Size
- Secure, Precise Movements Allow Exact Load Positioning
- Can be used as a Hoist and/or a Vacuum Lifter
- Dual Speeds for Maximum Productivity

- **Low Maintenance**
Unlike other vacuum lift systems, there are no large remote pumps, motors and vacuum supply hoses to install and maintain. An ANVER AL101 Compressed Air Venturi or VP1 Electric Vacuum Pump produces the vacuum for attachment.
- **Compact Design**
The VM Vacuum Lift System requires little headroom. The standard lift length varies according to the model selected. Consult factory for headroom and lift length dimensions. Standard system capacities range from 275 to 550 lb (125 to 250 kg.).

- **Easy-to-use, Ergonomic Controls**
Controls are fully integrated and mounted on the control handle. Up and down movement is controlled by dual rocker type switches for right or left thumb control. A separate push button vacuum release valve detaches the load. A vacuum gauge to indicate system vacuum level is mounted on the control to allow for operator monitoring.
- **Continuous Attachment**
Attach is continuous for maximum productivity. As is common with hoist based units, the system is

suitable for one or two lifts per minute. (For higher speed applications, select an ANVER VT Vacuum Tube Lift System).



...a fully integrated small vacuum lifter and hoist

■ Dual Speed Chain Hoist

Dual speeds provide maximum productivity in most lifting applications. The integrated chain hook suspension allows precise positioning of the load.

■ Overload and Power Loss Protection

A built-in slip-clutch in the first stage gear prevents hoist overload. A vacuum check valve holds the load in case of power loss.

■ Versatility

The system combines the features of a vacuum lifter with those of a hoist, and can be used for either purpose. The switchover is easy and takes only a few seconds. A built-in slip clutch stops the lift if the system is overloaded.

■ Wide Application

The system is ideal for handling non- to semi-porous objects within arm's reach. A VM system is well suited for repetitive production line tasks such as loading product into boxes. Quick release couplings make it easy to change the lift head for greater versatility.



Specifications

VM Series	275	08	230	09	Generator			
Hoist Capacity	275 = 275 lb	Lowest Speed	230 = 230 volt		Air Consumption	Vacuum Flow	Supply Pressure	
	550 = 550 lb	08 = 32 / 8 fpm	460 = 460 volt		09 = VR09	1.27	0.74	72.5 PSI
		16 = 64 / 16 fpm	575 = 575 volt		20 = JE20H	6.36	4.41	72.5 PSI
		08 = 32 / 8 fpm			25 = JE25H	9.53	7.06	72.5 PSI
		12 = 48 / 12 fpm			30 = JE30H	14.12	9.36	72.5 PSI

Can be configured so that both vacuum release blow-off push button valves must be depressed together to release load.

* One standard pad attachment is included with each system. Contact factory for special attachments.

**Vacuum capacity for most applications depends on the pad attachment and the vacuum station selected.