

Ergonomic Vacuum Tube Lifters



Mini VT Series Vacuum Tube Lift Systems



The Ideal Production Lifting Systems for Most Common Load Sizes

ANVER Mini VT Vacuum Tube Lift Systems are available with vacuum lifting tube diameters of 100 mm (3.9") for the Model VT100 Vacuum Tube Lifter, 120 mm (4.7") for the Model VT120 Vacuum Tube Lifter, and 140 mm (5.5") for the Model VT140 Vacuum Tube Lifter. A Mini VT Vacuum Tube Lift System, with a smaller diameter lift tube and a control head smaller than that used on our Standard VT Tube Lift Systems, is favored by many operators for its ability to handle the most common range of load sizes with little effort. Its continuous duty cycle makes it an ideal production lifting system.

Features:

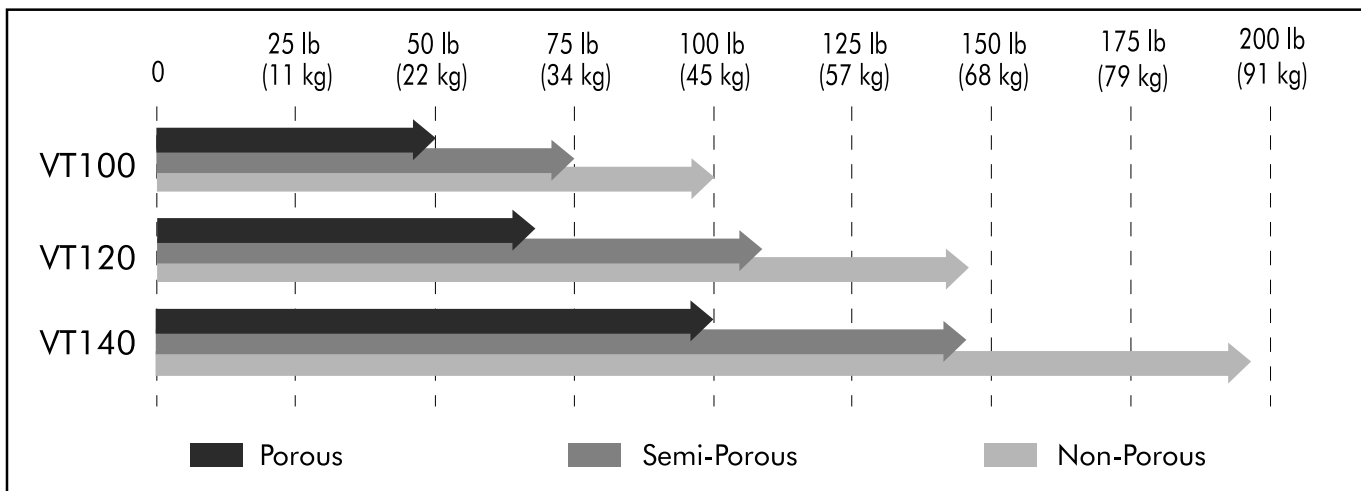
- **A Smaller Control Head** ANVER Mini Tube Lift Systems have a control head design similar to our standard series of tube lifters but smaller in size, making them lighter and more compact.
 - **Easy Positioning** The control head is easy to position and its near-effortless movement allows for fingertip control by even the most petite operator.
 - **Simple to Operate** The handlebar is easy to grasp with operator controls ergonomically designed for smooth operation. A conical flow valve allows the operator to precisely control the vacuum power, resulting in a much smoother, more user-friendly control than with outdated competitive designs.
 - **Lighter Festooning** The Mini Systems use a 1.5 inch diameter supply hose instead of the 2 inch hose used on our standard systems, which makes festooning lighter and less cumbersome.
- **Higher Efficiency** A VT140 Mini Tube Lift system supplied with our standard high efficiency direct-drive vacuum pump can offer the same lifting capacity as a competitive unit equipped with a 160 mm or larger lifting tube but supplied with a less efficient belt-drive vacuum pump.
 - **High Quality** Mini VT Systems are manufactured using the highest quality processes and componentry. The control head, handle, and control knobs are manufactured using electro-polished heavy gauge stainless steel for corrosion resistance.
 - **Low Price** ANVER Mini VT Systems are economically priced and affordable for many of the more common load lifting and stacking requirements.

Load Lifting Capacity Ranges

ANVER VT Mini Vacuum Tube Lifting Systems can be configured to handle all load types: porous, semi-porous and non-porous. For porous and semi-porous load handling, we recommend you allow us the opportunity to test your load in order to determine the actual system capacity and capability.

In addition, ANVER offers a free testing service in our ergonomics lab to assist you in determining your load's porosity and to help you in choosing the appropriate vacuum lifting system.

The lifting capacity ranges below should only be used as general guidelines. Actual system capacities are dependent on several factors (load surface porosity, load density, vacuum station, pad attachment, etc.). We offer many combinations of VT Vacuum Tube Lifting systems within each model range. Contact your local ANVER dealer for a free evaluation and recommendation of a system combination that will most economically and safely satisfy your material handling requirements.



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VT100 Vacuum Tube Lifting System Capacity Ranges:

Vacuum Station Model No.	Non-Porous Load lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)
VB3HF-S	30 (14)	23 (10)	15 (7)
VB4HF-S	55 (25)	47 (21)	40 (18)
VB6-S	100 (45)	75 (34)	50 (23)
VB7HV-S	85 (39)	65 (29)	45 (20)
VB9HV-S	95 (43)	70 (32)	50 (23)
MSP400-S	63 (29)	47 (21)	31 (14)

VT120 Vacuum Tube Lifting System Capacity Ranges:

Vacuum Station Model No.	Non-Porous Load lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)
VB3HF-S	50 (23)	38 (17)	25 (11)
VB4HF-S	80 (36)	70 (32)	60 (27)
VB6-S	145 (66)	110 (50)	70 (32)
VB7HV-S	125 (57)	95 (43)	60 (27)
VB9HV-S	140 (63)	105 (48)	70 (32)
MSP400-S	95 (43)	72 (32)	47 (21)

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VT140 Vacuum Tube Lifting System Capacity Ranges:

Vacuum Station Model No.	Non-Porous Load lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)
VB3HF-S	75 (34)	56 (25)	38 (17)
VB4HF-S	110 (50)	95 (43)	85 (39)
VB6-S	195 (88)	145 (66)	100 (45)
VB7HV-S	160 (73)	125 (57)	80 (36)
VB9HV-S	185 (84)	140 (63)	95 (43)
MSP400-S	120 (54)	90 (41)	60 (27)

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