

Vacuum Lifting Information





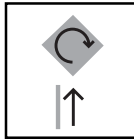
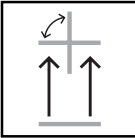
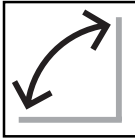
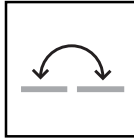
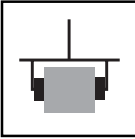
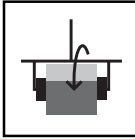
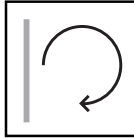
General Application Chart

As ANVER builds all types of vacuum lifters, we designed this chart to help you narrow down the many possibilities. This is only a starting point so feel free to contact your local dealer or ANVER for further information on a vacuum lifter suited to your specific application. We would be glad to explain the pros and cons of each system as it pertains to your needs.

Lifter Choice Considerations: • The Material and its Porosity • Surface Texture (Flex) • Weight (Min. - Max.) • Movements Needed • Power Available	For Loads up to a Maximum Normal Capacity of: Cups Used >	Non-Porous ■			Semi-Porous ▲			Porous ○		
		Smooth Surface	Semi-Textured	Rough Textured	Smooth Surface	Semi-Textured	Rough Textured	Smooth Surface	Rough Textured	Flexible Material
		Metals, Glass* Sheet Plate	Embossed Metal Plastic Fiberglass	Ribbed, Metal Tread Plate	Finished Wood Polished Stone	Embossed, Textured Surfaces Composites	Ply Wood, Saw-Cut Stone	Concrete Particle Board Foam	Rough, Wood Flamed Stone	Cardboard Boxes Bags
		Standard	Special	Foam	Standard	Special	Foam	Special	Special	Special
Mechanical Self Powered Lifters Horiz, Sheet/Plate*	18,000 lb (8,165 kg)	XXXX	-	-	-	-	-	-	-	-
Electric Powered Lifters All movements and most Loads	60,000 lb (27,216 kg)	XXX	XXX	XXX	XXX	XXX	XX	X	X	-
Air Powered Lifters All movements and most Loads	+/-5,000 lb (2268 kg)	XXX	XXX	XXX	XXX	XXX	XXX	XX	XX	X
Ergonomic Tube Lifting Systems Horiz, Vert, Tilt Loads	600 lb (272 kg)	X	X	X	XX	XX	XX	XXX	XXX	XXXX
VB High Flow Systems Horiz, Vertical, Tilting, Side-Grip	1000 lb (454 kg)	X	X	X	XX	XX	XX	XXX	XXX	XXX
VM Low Flow Systems Horiz, Vertical, Tilting, Side-Grip	550 lb (250 kg)	XXX	XXX	X	XX	XX	X	-	-	-

XXXX = Excellent - The primary choice of Lifter for the application.
 XXX = Better - Works for about all applications shown.
 XX = Good - OK for most applications but other choices may have a performance or economical advantage.
 X = Possible - But not the best or most economical choice - sometimes what results in dual use Lifters.
 - = Not Suitable - will not work without modifications that are uneconomical.

* Mechanical Lifters are not used on glass as it is normally stored and handled vertically.

 <p>1 Horizontal Lift</p>	 <p>2 Vertical Lift</p>	 <p>3 Vertical Lift and Rotation</p>
 <p>4 90° Tilting usually fully powered</p>	 <p>5 90° Gravity Tilt pivots on edge, used in the Stone Industry</p>	 <p>6 180° Tilting rare, 90° tilt is usually adequate</p>
 <p>7 Side-Grip attaches to side of loads</p>	 <p>8 Side-Grip and Rotate can replace flip-pers, many styles</p>	 <p>9 360° Tilt (Flipper) rare, usually fully powered</p>

This is a brief general chart with a limited amount of loads. It is designed as an overview only. Feel free to contact us for further information.

► This spec sheet was adapted for print from our website. Additional information and photos are available at www.anver.com. 5012031