

# WOODWORKING & PLASTIC ROUTER INDUSTRY



Becker pumps are found on more CNC router tables as original equipment than any other vacuum pump **in the world.**



# Multi-Pump Vacuum Systems

Becker has also designed a full line of multi-pump vacuum systems, called the Advantage-W, which are designed to meet your specific router needs. These systems are perfect for spoil board applications and can be operated incrementally to match your production demand. This means that you run only the pump or pumps needed for your specific application. This saves precious energy and reduces operating costs.

Advantage-W systems are available in both Duplex and Triplex models in a space-saving vertical arrangement. Each pump in the system includes its own built-in inlet filter and cyclonic relief valve filter and is connected to an integral manifold which includes a central inlet filter for primary filtration.



**Advantage-W System**



# Oil-Less Vacuum Pumps, *The Clear Choice*

Becker dry vane pumps have become **the standard in the router industry** and offer a large range from which to choose. Select from 5 to 25 horsepower as well as multi-pump systems up to 75 horsepower.

Our oil-less vacuum pumps offer very low maintenance and extremely high reliability. When routine maintenance is required, only **a few tools and an hour of labor** is all that is needed.



**1** CLEAR FILTER COVER

**2** EASY-TO-USE THUMBSCREWS

**5** RUNS COOLER

## Bigger is Not Better, Just More Expensive

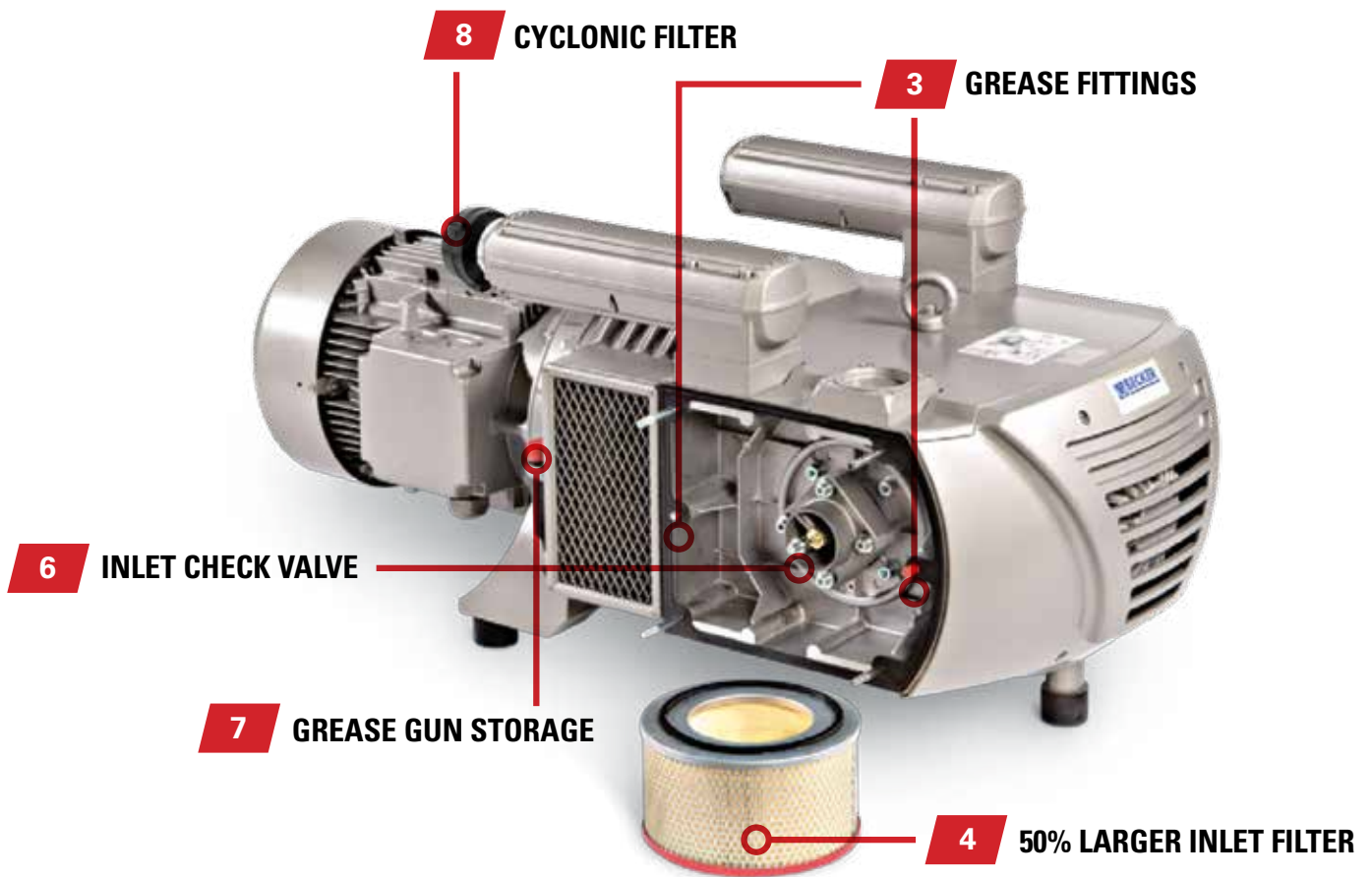
Why waste money on electricity? When it comes to vacuum pump horsepower, the old adage of bigger is better is long gone. Choosing the right vacuum pump for your application is as important as choosing the right router table.

With Becker pumps, you will use only the power needed to get the job done. On standard 4' x 8' tables, our **Model VTLF 2.250** is the **#1 selling pump to router manufacturers** and is only 8.2 brake horsepower. Compare that to our competition who offers a more expensive and less efficient pump for the same size table.

## Oil-Flooded Vacuum Pumps for High Elevation Applications

Typically, our oil-free dry vane vacuum pumps are used on both spoil board and point-to-point router tables. However, at higher elevations, an oil-flooded pump may be needed to reach the required hold down force for your application. Because our oil-flooded pumps have an end vacuum of 29.9 inches Hg, they will achieve the necessary vacuum level and flow rates up to 10,000 feet above sea level.





## SAVE TIME

### 1 CLEAR FILTER COVER

Our clear filter cover permits visual inspection of the filter without having to remove the cover.

### 2 EASY-TO-USE THUMBSCREWS

Only four thumbscrews on the cover for ease of service.

### 3 GREASE FITTINGS

Isolated grease fittings.

## SAVE MONEY

### 4 50% LARGER INLET FILTER

The inlet filter has been enlarged by 50% to reduce the need for filter changes.

### 5 RUNS COOLER

Cooler running means extended vane life.

## SAVE DOWNTIME

### 6 INLET CHECK VALVE

An inlet check valve is included to prevent backward vane rotation to eliminate premature vane wear.

### 7 GREASE GUN STORAGE

Built-in mounting bracket for the grease gun so it won't get misplaced.

### 8 CYCLONIC FILTER

Accessory to keep particulates out of pump and running like new.

## Rule of Thumb Pump Sizing for CNC Router Tables

As a general industry standard, when matching the right pump to the table size, 5.5 CFM per square foot of surface area is required for nested base or spoil board tables. Pod and Rail tables utilize small suction cups and, therefore, require much less flow and usually use just one size pump.

Table Size	Square Feet	CFM	Becker Pump	Becker Duplex System	CFM
4' x 8'	32	176	VTLF 2.250	DS 250 W	352
5' x 10'	50	275	VTLF 2.400	DS 250 W	352
5' x 12'	60	330	VTLF 2.500	DS 250 W	352
5' x 20'	100	550	-	DS 500 W	706
Pod and Rail	12	66	KVT 3.100	-	-

*(This sizing chart is for estimating purposes and a trained Becker Representative should be consulted to match the correct pump to your specific table. All calculations are based on sea level applications.)*

## Choose Becker Pumps *Best in Class*

### Easy & Efficient Vacuum Pumps & Systems

- Less installed horsepower means maximum horsepower efficiency.
- Greater hold down force per horsepower.
- Low maintenance.
- Field serviceable, easy and fast to maintain.

### Experienced & Personal Customer Service

- Your phone call will always be answered by a "live" person.
- Experienced technical support.
- Knowledgeable inside sales and customer service.
- Fast turnaround time.
- Factory trained in-house repair service.
- We only offer genuine Becker replacement parts.
- Large inventory of pumps and parts.
- Same day shipping available.



At Becker Pumps Corp., we understand that in the router industry, due to lost production and maintenance downtime, breakdowns are costly. We solve both of these problems and that's why we're recognized as the best vacuum pump solution in all the world.



**Advantage-W System**



*World's Leading Brand*

*Best in Class*

Contact our staff today. We're ready to help. Call 888-633-1083 or email: [info@beckerpumps.com](mailto:info@beckerpumps.com).



**Nationwide Sales and Service: USA, Canada, and Mexico 888-633-1083**

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