

# WOODWORKING & CNC ROUTING INDUSTRY

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**MAKE IT BECKER.**



LET'S TALK  
WOODWORKING



# FIND YOUR BECKER PRODUCT

Table Size	Square Feet	Table CFM	Recommended Becker Product
4' x 8'	32	176	VTLF 2.250 (SK), BCV 300, SV 500/2
5' X 10'	50	275	VTLF 2.400, SV 400/1
5' X 12'	60	330	VTLF 2.500, WW 250 D
5' X 20'	100	550	WW 400 D
Pod & 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.)



**REGENERATIVE  
BLOWERS**



**CLAW PUMPS**



**DRY-RUNNING ROTARY  
VANE PUMPS**



**ADVANTAGE-W  
SYSTEM**

## MULTI-PUMP VACUUM SYSTEM

Becker has 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.



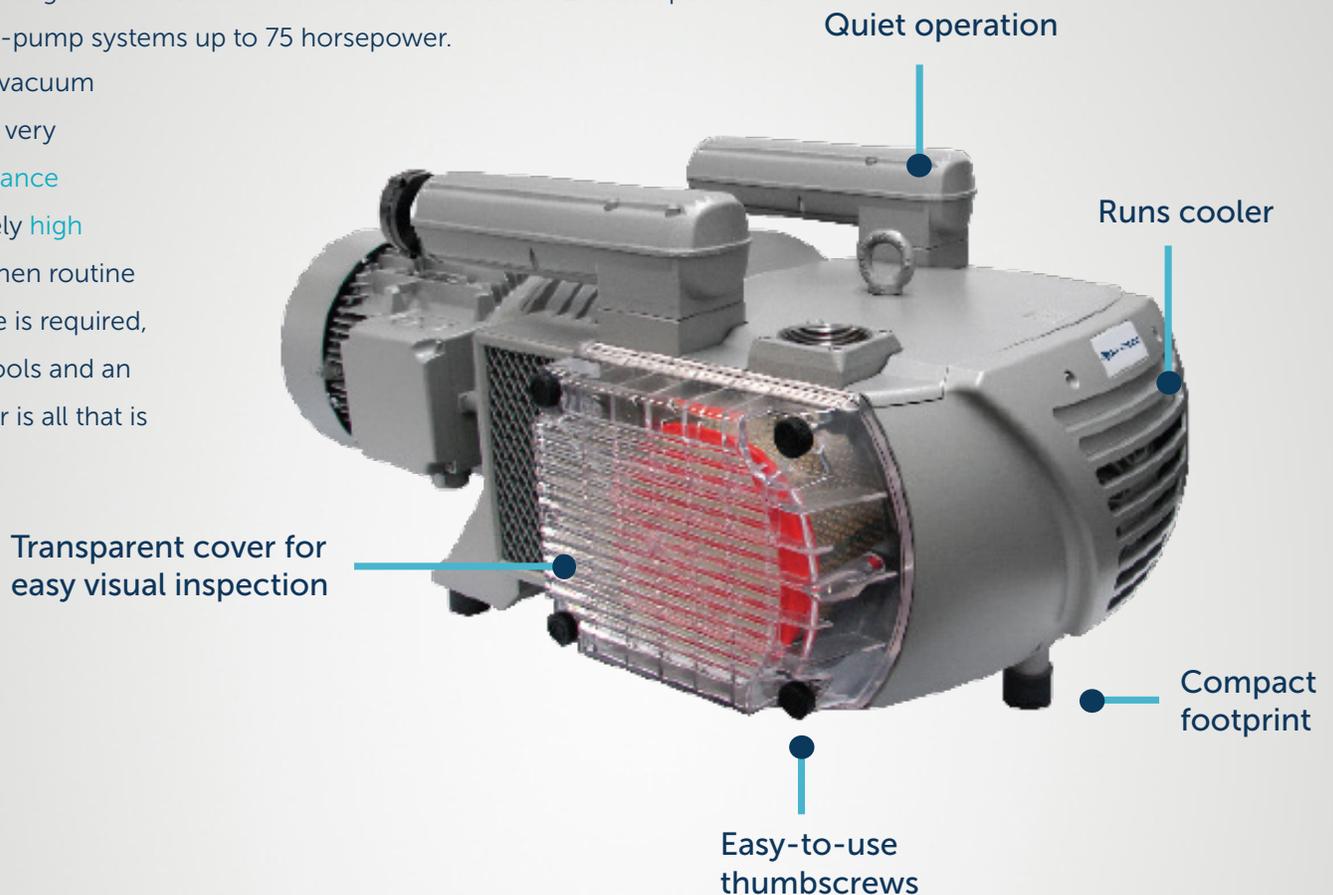
**ADVANTAGE-W  
SYSTEM**

# 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.



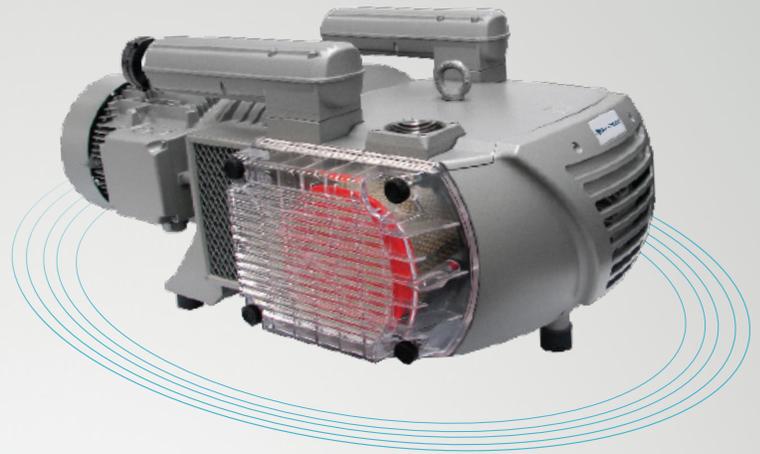
With Becker pumps, you will use only the power needed to get the job done. On standard 4' x 8' tables, our [Model VTFLF 2.250](#) is the [#1 selling pump to router manufacturers](#) and is only 8.2 brake horsepower. Compare that to our competition who offers a more expensive and less efficient pump for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

## IMPROVE THE WORKING ENVIRONMENT WITH LOW

5 compression cycles per revolution ensure a particularly smooth operation and low pulsation.



## EXPANDED FILTER AREA

With a large filter area of 22,000 cm<sup>2</sup>, the filter does not get contaminated as quickly as others, contributing to an extended maintenance interval.



## EASY MAINTENANCE

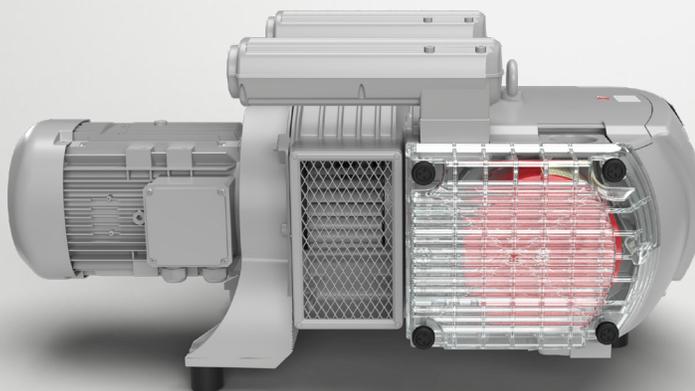
The transparent cover allows for early detection and resolution of contaminants. With its externally accessible design, filters can be easily and manually maintained or replaced.

## COMPACT DESIGN

The compact design allows the VTLF to seamlessly integrate into your working environment.

l= 940 mm

l= 644 mm



● Claw Vacuum Pump

● Becker VTLF 2.250

h= 650 mm

h= 528 mm

# VARIAIR FREQUENCY INVERTER

Becker's VARIAIR frequency inverters considerably increase the performance characteristics of vacuum pumps and compressors, adapting them precisely to customer requirements.

Energy consumption is optimised and constant pressure ensured, even with varying or heavily fluctuating air demand. Noise emissions, such as unneeded suction or blowing noises when expelling surplus air, have been eliminated. The pumps' soft start reduces wear on mechanical components and increases service life. The variable performance range of VARIAIR vacuum pumps and compressors helps to reduce the need for a broad model range.



**VARIAIR VTLF 2.250**

## AFTER-SALES SERVICE MAINTENANCE IS THE KEY TO OPTIMAL PERFORMANCE



Maximize your success with Becker – our products shine not only through outstanding VTLF performance but also through the easy maintenance of rotary vane technology.



**We make maintenance effortless – for your performance**

A major advantage of our Rotary Vane Vacuum Pumps is their ease of maintenance. Unlike wear-free products that require complex servicing, these pumps can be easily maintained by you or qualified Becker technicians.



**We empower your business – Additional opportunities through service revenues**

Maintenance options not only provide more flexibility for your customers but also open up additional business opportunities for you. Profitable supplementary revenue streams are created thanks to the maintenance-friendly features of our products.



**Together, we create custom service concepts for your success**

Our partnership extends beyond product sales – we work hand in hand to continually optimize your business outcomes. As your reliable partner on the path to sustainable success, our service organization assists you with customized maintenance plans to ensure that your products operate at peak performance consistently.

**PREMIUM  
SERVICE**

**MAKE IT BECKER**

since 1885

# LET'S FIX IT TOGETHER

In the woodworking industry, **dependable service** is as crucial as product quality. Becker provides a wide range of comprehensive services to ensure seamless plant operation.

## MAKE IT BECKER.



### PROFESSIONAL COMMISSIONING

Our experts ensure the optimal integration of our vacuum pumps into your machinery, providing seamless processes from the start and maximizing performance.



### TRAINING & CONSULTING

Efficiency through qualified personnel – Our training programs provide expertise, address your questions, and ensure reliable, efficient performance for the smooth operation of your pumps.



### INSPECTION & MAINTENANCE

Our preventative maintenance plans ensure problems are fixed before they occur. Reducing your machine downtime and improving productivity.



### TECHNICAL SUPPORT

Our technical support ensures **24/7** seamless operation of your facilities. Whether you have questions or require remote assistance, we are here to ensure your systems function optimally at all times.



### UPGRADE & OVERHAUL

We keep you informed in a timely manner about meaningful upgrades and modernizations for your older equipment. This way, you can maximize productivity and benefit from the latest innovations.



### SUBSCRIPTION & CONTRACTS

Our flexible options provide tailored services to meet your needs while ensuring cost transparency and predictable maintenance.



### RENTAL & LOAN DEVICES

If you need additional capacities on short notice or if your equipment is undergoing maintenance, our rental and lease options are at your disposal. This minimizes downtime and ensures ongoing productivity.



### REFURBISHED DEVICES

Explore cost-effective sustainability with our premium used equipment. You receive the same quality as new products but at a fraction of the cost.



### SELF- SERVICE

Gain swift access to resources and guides for resolving minor issues independently, maximizing efficiency.

#### Becker Pumps

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