



www.beckerpumps.com

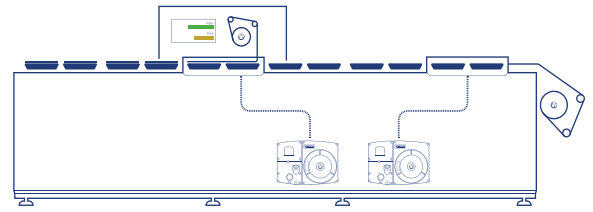
Newer. Better. Faster.

BECKER U5 - High-performance vacuum pumps
Specifically designed for the food packaging industry.



10,752

Becker solutions allow producing 10,752 more packages every day!



This figure is based on typical production conditions: A packaging machine can produce 10 cycles per minute, 60 minutes per hour in two-shift operation. Using a typical filling format of 4 x 2, this setup can produce 8 packages per cycle.

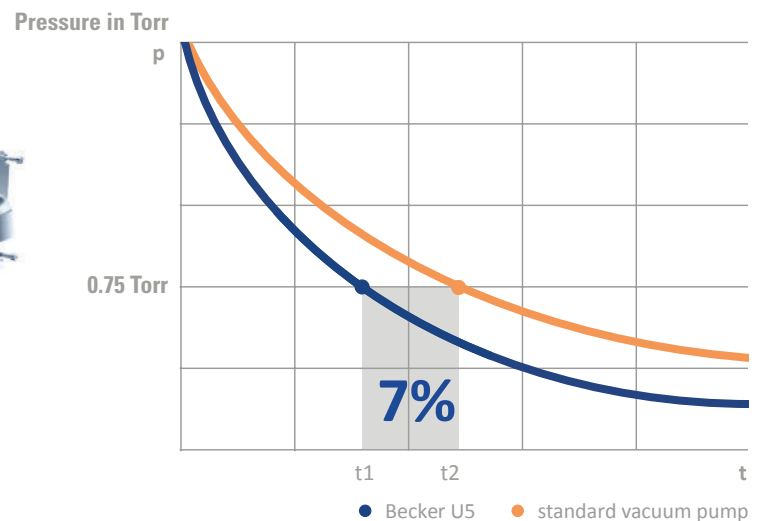
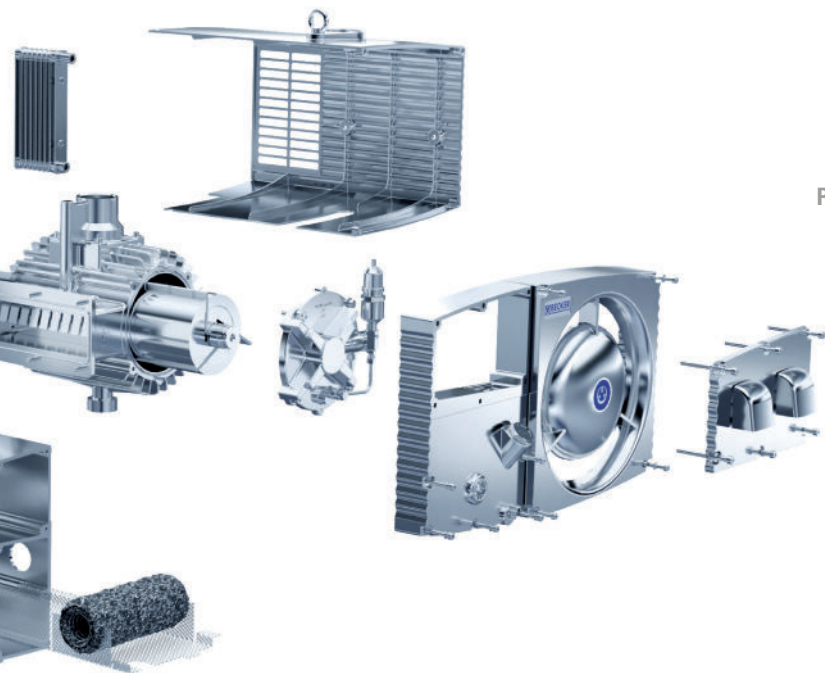
$$10 \times 60 \times 16 = 9,600 \text{ cycles per day}$$

In a facility with 6 packaging machines, the daily output therefore amounts to 460,800 packages. Using Becker high-performance vacuum pumps under the same production conditions will yield a 7% increase in evacuation speed. This means an increase in production speed of 2.33% per machine.

$$\begin{aligned} \text{with Becker U5} &= 471,552 \text{ packages per day} \\ &= + 10,752 \text{ packages per day} \end{aligned}$$

7%

Faster evacuation time compared to the industry standard.



The BECKER U5 Product Family

Becker provides the right solution for every application:

From traditional vacuum packaging in table-top and chamber machines to advanced process gas supply for tray packaging with oil-sealed or oil-free rotary vane pumps. Becker offers a broad range, from series products to customized solutions.



U5

Quick and efficient way to package meat and sausages, cheese and dairy products or pastries in vacuum or protective atmosphere.

- Shortest evacuation times compared to industry standards
- Low installed motor capacity in direct comparison
- Highly efficient oil separation for extended maintenance intervals
- Compact structural dimensions: minimal footprint, easy integration into packaging machines without expensive special-purpose machinery
- Ideal for sensitive fresh products thanks to minimal heat emission



U5 O2-PACK

The safe and simple way to package red meat under O2 atmosphere

- Lifelong oil lubrication, no oil changes required
- Compact design, same overall length as the U5 series (series is not extended by an additional separation)
- New highly efficient 3-stage oil separation with minimum footprint
- Plus the same advantages as the other models of the U5 series

The BECKER Complete Product Offering for Primary Packaging

Our robust and safe high-performance vacuum pumps in proven Becker premium quality turn your machines into highly efficient and fast packaging units while reducing the costs of your packaging process.

The Becker U5 high-performance vacuum pumps outperform any conventional standard vacuum pump.

The compact design and the various performance levels of the different Becker U5 vacuum pumps help make special purpose machinery more efficient. The option to use several optimized vacuum pumps allows reducing the size and increasing flexibility and efficiency of packaging machines for both original equipment and retrofitting. All Becker vacuum pumps have an IE3 energy efficiency rating allowing for sustainable reduction of energy costs.



Becker Model	U 5.70	U 5.100	U 5.165	U 5.200	U 5.300
CFM	49	71	116	141	211
TORR	<0.075	<0.075	<0.075	<0.075	<0.075
HP	2.4	3	4.8	6.4	8.9



Becker Model	U 5.70 02-Pack	U 5.100 02-Pack	U 5.165 02-Pack	U 5.200 02-Pack	U 5.300 02-Pack
CFM	49	71	116	141	211
TORR	<0.375	<0.375	<0.375	<0.375	<0.375
HP	2.4	3	4.8	6.4	8.9



Becker Model	U 4.400	U 4.630
CFM	299	430
TORR	2	2
HP	17.7	24.1



Becker Model	RBP 500 Package	RBP 1000 Package	RBP 2000 Package
CFM	353	706	1412
Delta P TORR	45	45	45

Additional Booster Packages available!

Choose Becker Pumps

*Family Owned
Since 1885*

The BECKER Total Offering for Vacuum Packaging of Food

If you are looking for **Newer. Better. Faster.** solutions for your packaging needs, look to **BECKER**. Ideally suited for the vacuum packaging of food, the BECKER total offering of the new U 5 series of Vacuum Pumps, Booster Packages, and Central Vacuum Systems can be used across a wide range of applications, including vacuum chamber machines, form-fill-seal machines and modified atmosphere packaging (MAP), to **significantly improve your production results**. With more than 130 years as the industry leader in the development and manufacturing of vacuum pumps, BECKER has the total product offering, technology, and expertise to solve your application.

Becker provides the right solution for every application:

High-Performance Vacuum Pumps and Booster Packages Specifically Designed for the Food Packaging Industry

U 5 Series Vacuum Pumps

Direct Replacements for your Current Pumps

- Fastest pump down time in the industry
- **Increase your production output by 7%**
- Lower installed horsepower than the competition
- Minimal heat emission creates cooler work areas



Booster Packages

Compact Efficient Design

- Direct Replacement for your Current Booster Package
- Integrated bypass valve for greater reliability
- Customized packages to fit your application
- Stainless steel frame available



Central Vacuum Systems

Improve Efficiency

- Centralization significantly reduces energy costs
- Reduces noise level and heat emission at the work station
- **Best in Class** control panel for multiple units
- Expandable for future growth



When it involves packaging, Becker pumps have the fastest pump down time of any vacuum pump in the industry/world.
We wouldn't steer you wrong.



 **BECKER**

World's Leading Brand

*Family Owned
Since 1885*

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



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

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