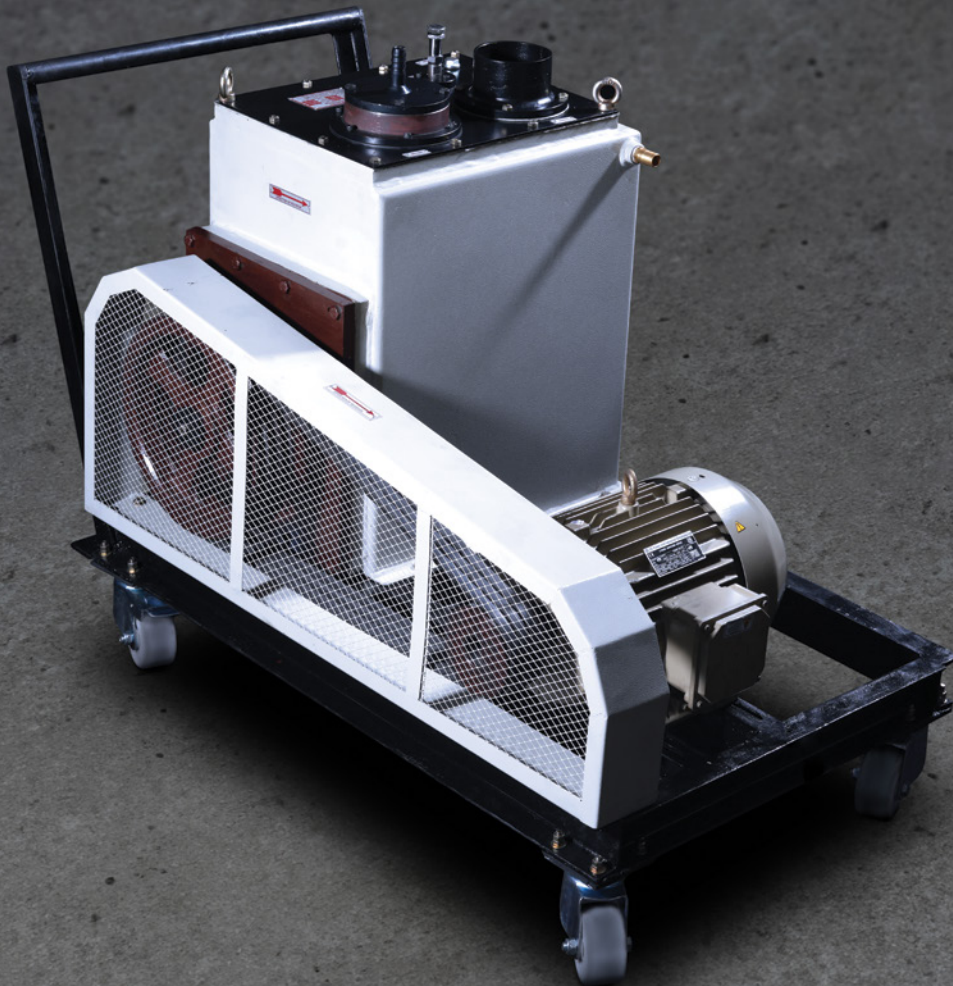




CHENNAI

# VACUUM PUMP SOLUTIONS



PRODUCT CATALOGUE

# ABOUT US

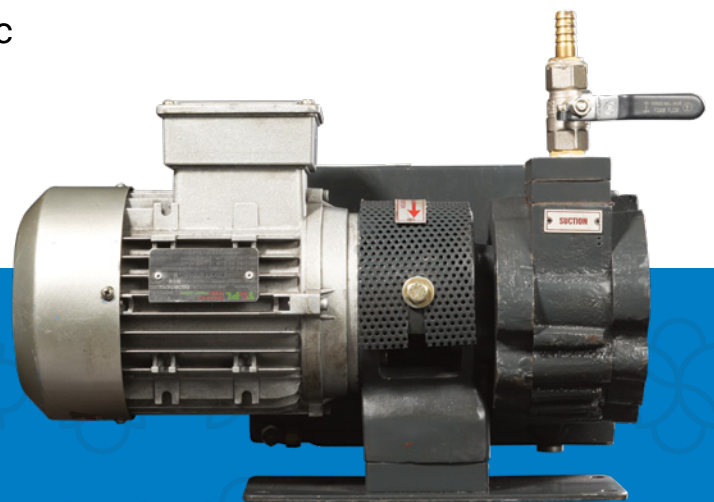
Prabivac Pumps, founded in 1996 in Chennai, a well-known manufacturer of vacuum pumps that meet the different needs of industrial and scientific institutions. Our product line comprises a variety of vacuum pumps that are renowned for their efficiency and great performance, thanks to considerable experience and knowledge in vacuum technology. Our commitment to quality is evident in the designs, which ensures dependable and trouble-free service. Prabivac Pumps is a reputable brand thanks to its emphasis on customer satisfaction and ongoing innovation.



**DRY VACUUM SYSTEM**

## OUR MISSION

To provide high-quality, efficient, and reliable vacuum pumps to industries and scientific laboratories, fostering continuous improvement and customer satisfaction.



# OUR HIGHLIGHTS



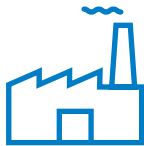
## Years of experience

Over 30 years of experience in manufacturing industrial vacuum pumps



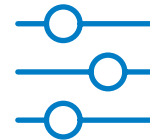
## Global Reach

Trusted by companies worldwide for efficient and effective vacuum solutions



## In-house engineering

Our team of experienced engineers design innovative vacuum pump solutions



## Customizable solutions

We don't just offer standard pumps; we design and manufacture custom solutions to fit your specific needs



9001:2015

## Manufacturing standards

Our pumps are manufactured to meet the highest quality standards, including ISO 9001:2015 standard



## Performance guarantee

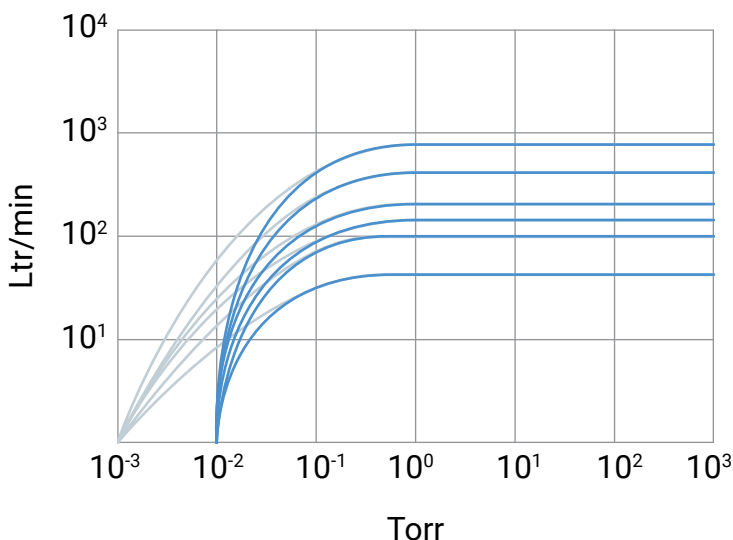
We stand behind our products with industry-leading warranties and performance guarantees

# SINGLE STAGE VACUUM PUMPS

Our single-stage vacuum pumps are designed to provide reliable and efficient vacuum generation for a wide range of applications. These robust pumps feature a simple yet effective design, making them an economical choice for various industrial, laboratory, and scientific processes.

Utilizing a single compression stage, these pumps are capable of achieving ultimate vacuum levels down to **10 microns (0.010 Torr)**. They are ideal for applications that require moderate vacuum levels, such as vacuum packaging, vacuum furnaces, vacuum hold-down systems, and many others.

Model	Pumping Speed (Litres/min)	Oil Capacity (Litres)	Motor (H.P.)
SX 50S	50	1.0	0.25
SX 100S	100	2.0	0.25
SX 200S	200	2.5	0.5
SX 325S	325	4.0	1.0
SX 600S	600	5.0	1.5
SX 1000S	1000	8.0	2.0
SX 2000S	2000	14	3.0
SX 3000S	3000	18	5.0
SX 5000S	5000	25	10.0

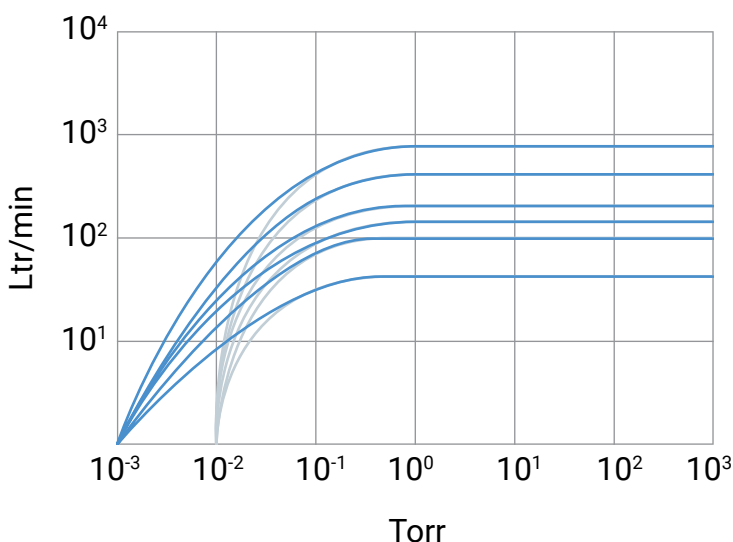


# DOUBLE STAGE VACUUM PUMPS

For applications demanding higher vacuum levels, our double-stage vacuum pumps provide superior performance and efficiency. These pumps feature a two-stage compression design, allowing them to achieve significantly lower ultimate vacuum pressures compared to single-stage units.

Utilizing two consecutive compression stages, these pumps can attain ultimate vacuum levels as low as **0.001 microns ( $5 \times 10^{-3}$  Torr)**. This makes them suitable for a wide range of applications that require high vacuum environments, such as vacuum coating, electron microscopy, mass spectrometry, and various scientific and industrial processes.

Model	Pumping Speed (Litres/min)	Oil Capacity (Litres)	Motor (H.P.)
SX 50D	50	1.0	0.25
SX 100D	100	2.5	0.5
SX 200D	200	3.0	0.5
SX 325D	325	5.0	1.0
SX 600D	600	7.0	2.0
SX 1000D	1000	10	3.0
SX 2000D	2000	17	5.0
SX 3000D	3000	20	7.5
SX 5000D	5000	30	12.5



# VACUUM PUMPS SYSTEM

Our vacuum pump systems are carefully engineered and assembled, combining a robust vacuum pump with essential components such as an intake filter, vacuum gauge and vacuum reservoir.

The integrated design ensures seamless operation and simplified installation, reducing the need for separate component sourcing and assembly.

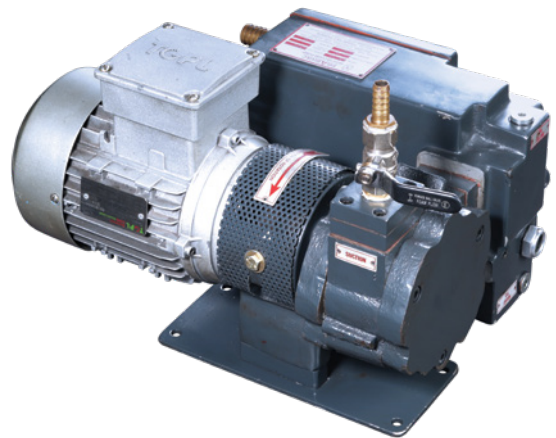


## PORTABLE VACUUM PUMPS



Our portable vacuum pumps offer the convenience of on-the-go vacuum generation for various applications. Compact and lightweight, these pumps are designed to be easily transported and operated in multiple locations, making them ideal for field service, maintenance, and remote work.

## OIL LESS VACUUM PUMPS



Unlike conventional oil-sealed pumps, these advanced pumps operate without the use of lubricating oils, eliminating the risk of oil contamination. They are ideal for applications that require oil-free operation, such as semiconductor manufacturing, instrumentation, and packaging of sensitive products.

# CERTIFICATIONS

At Prabivac Pumps, we are committed to upholding the highest standards of quality management across all of our operations and product lines. This commitment is exemplified by our **ISO 9001:2015** certification, which we have earned through our robust quality management system.

Whether you require vacuum pumps, systems, spare parts, or services, you can trust that Prabivac Pumps will deliver consistent quality backed by our ISO 9001:2015 certification. Let our commitment to excellence give you complete confidence in our people, products, and processes.



# APPLICATIONS


Some common applications of vacuum pumps include:


- Industrial Manufacturing
  - Scientific Research & Analysis
  - Semiconductor & Electronics Industries
  - Medical & Pharmaceutical Industries
  - Printing & Packaging
  - Food & Beverage Industries
  - Chemical Processing
  - Dairy Industry
- and many more...**

With a wide range of vacuum pump types and models available, these versatile systems provide the vacuum levels and pumping speeds required for countless cutting-edge applications across industries.

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**Consult our experts to select the ideal vacuum solution.**

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