# **PREMIER PUMPS**

# **OTHER PRODUCTS**

## **PV SERIES**

Vacuum Pumps with the largest number of installations in Pulp, Paper, Sugar and Power Industries.

CAPACITY : 90 CFM TO 15000 CFM (150 M<sup>3</sup>/hr to 25500 M<sup>3</sup>/hr) MAXIMUM VACUUM : 27.5" Hg (700 mm Hg) at sea level

## **P501 SERIES**

Energy efficient single stage Vacuum Pumps capable of handling excess process water, finding wide applications in pulp and paper industry.

CAPACITY : 2500 CFM to 16500 CFM (4200 M<sup>3</sup>/hr to 28000 M<sup>3</sup>/hr) MAXIMUM VACUUM : 27.5" Hg (700 mm Hg) at sea level

## PREMIER SERIES

The most Energy Efficient Vacuum Pumps in market with unique inlet design allowing low roof installations. Capable of handling large volume of fluids suitable for applications in pulp, paper, sugar, mining and other process industries.

CAPACITY : 2350 CFM to 11500 CFM (4000 M<sup>3</sup>/hr to 19550 M<sup>3</sup>/hr) MAXIMUM VACUUM : 27.5" Hg (700 mm Hg) at sea level

### WXP SERIES

Designed for applications where it is essential to extract process water, preventing it from entering Vacuum Pump, improving Vacuum system efficiency.

Capable of operating against a Vacuum upto 24" Hg (600 mm Hg) with a maximum flow rate of 530 gpm (2000 lpm)





P.O.Box 1094, Gadsden, AL 35902 Works: 5902 Bluff Road, Boaz, AL 35956 - USA Phone: (678)778-2046, (304)250-7078 Fax: (256)438-5050 info@premierpumps.com www.premierpumps.com













# **PS SERIES**

Single stage Vacuum Pumps with single inlet and outlet with single cone. These pumps are widely used in food and chemical industries.

CAPACITY: 120 CFM to 1200 CFM (200 M<sup>3</sup>/hr TO 2000 M<sup>3</sup>/hr) MAXIMUM VACUUM : 28" Hg (710 mm Hg) at sea level

- Improved conical port design enabling superior handling of carry over gases and reduction of noise.
- Simplifies connecting piping, saving space
- Ease in maintenance as bearing bracket is externally mounted
- Enhanced capacity can be achieved when handling saturated gas by using inlet spray nozzles provided near suction flanges of pump.
- All components are 100% interchangeable with \*NASH SC series
- Standard material of construction is Cast Iron, also available in CF8 (S.S 304) and CF8M (S.S 316)
- Before dispatch, all Vacuum Pumps & Compressors are tested for their performance as per RS:1571 Part 2:1975 & PNELIROP 6612 1984 standards

# **Constructional Features**

Body, Heads & Cones are made of close grained heavy duty Cast Iron, Rotor is made of Spheroidal Graphite (S.G) Iron free from cavities and blow holes. Shaft is made of Carbon Steel and carries one and only moving part, Rotor which is dynamically balanced for a vibration free running. Shaft is carried on both ends by bearings which maintain close running clearance between working parts throughout the working life of Pump. Bearings are grease lubricated before shipment and require no further lubrication for approximately six months.

Pumps can also be supplied in ceramic coating or total CF8 (S.S 304) and CF8M (S.S 316) grades.

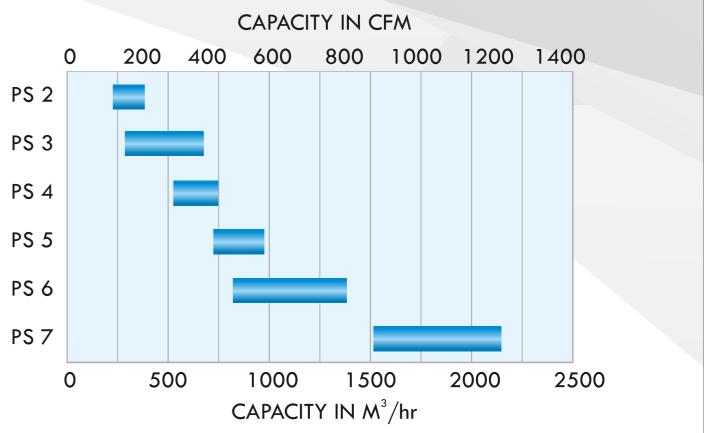
# **Performance Data**

Above graph is only indicative, refer to individual performance curve for pump selection

# Equivalent

## **APPLICATIONS**

• Pulp & Paper Industry • Poultry Plant • Power Plants • Chemical & Pharmaceutical Industry • Textile Industry • Food and Beverages • Sugar Industry • Fertilizer Plants • Other Process Industries \*Gardner Denver NASH is a registered trademark of their respective original manufacturing pump company, none of which have any affiliation with Premier Vacuum Systems LLC.







PREMIER	*NASH
PS 2	SC 2
PS 3	SC 3
PS 4	SC 4
PS 5	SC 5
PS 6	SC 6
PS 7	SC 7