PREMIER PUMPS

OTHER PRODUCTS

PS SERIES

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

CAPACITY : 200 TO 2100 M^3/hr (120 CFM to 1240 CFM)

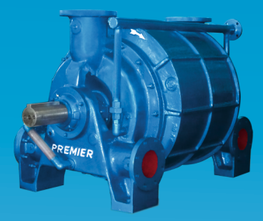
MAX VACUUM : 710 mm Hg (28" Hg) at sea level

PV SERIES

Classic single stage Vacuum Pumps with a large presence in pulp, paper and thermal power industry.

CAPACITY : 150 to 25500 M^3/hr (88 CFM TO 15000 CFM)

MAXIMUM VACUUM : 700 mm Hg (27.5" Hg) at sea level



P 501 SERIES

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

CAPACITY: 3300 to 23400 M^3/hr (1950 CFM to 12800 CFM)

MAXIMUM VACUUM : 700 mm Hg (27.5" Hg) at sea level

WXP SERIES

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

Capable of operating against a Vacuum upto 600 mm Hg

(24" Hg) with a maximum flow rate of 1200 lpm

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PREMIER

P9000

LIQUID RING VACUUM PUMPS & COMPRESSORS

P9000

Single stage Vacuum Pumps capable of handling excess volume fliow finding wide applications in Pulp and paper industry.

CAPACITY : 9600 to 19800 M^3/hr (5650CFM to 11650 CFM)

MAXIMUM VACUUM : 700 mm Hg (27.5" Hg) at sea level

- P9000 can handle excess liquid carryover without any difficulty, even if it arrives as massive slugs
- 18 vane rotors handle air more efficiently
- Ease in maintenance as bearing bracket is externally mounted
- No pressure throb
- Enhanced capacity can be achieved when handling saturated gas by using inlet spray nozzles provided near suction flanges of pump.
- Equivalent to *VOITH 15E
- Standard material of construction is Cast Iron, also available in SS 304 and SS 316
- Before shipment, all vacuum pumps & compressors are tested for their performance as per BS:1571 Part 2:1975 & PNEUROP 6612 - 1984 standards.

Constructional Features

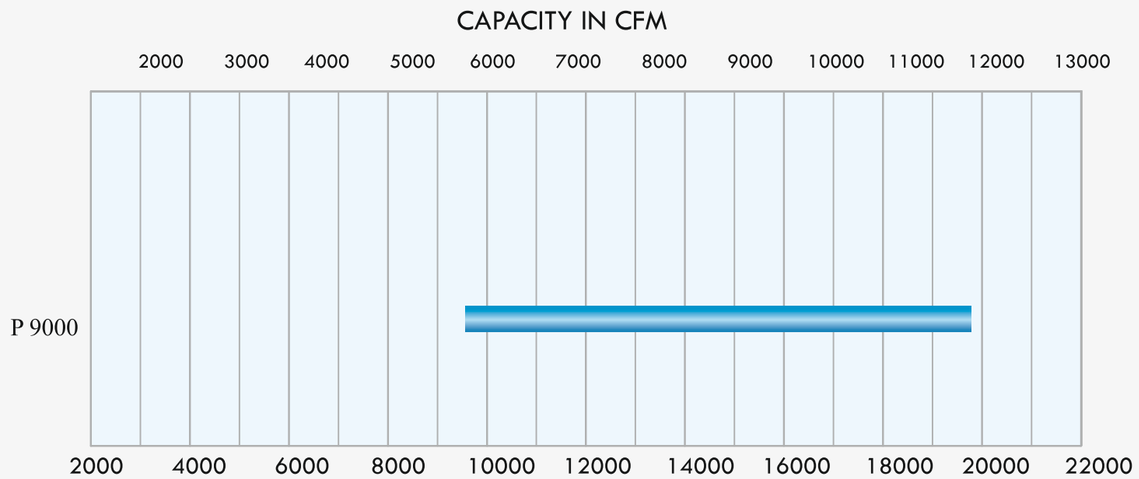
Body, Heads & Cones are made of close grained heavy duty Cast Iron, Rotor is made of Spheroidal Graphite (SG) Iron free from cavities and blow holes. Shaft is made of Carbon Steel and carries one and only moving part, Rotor which is dynamically balanced for a vibration free running. Shaft is carried 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 with wet parts in solid or cladded SS 304 and SS 316.

*VOITH is a registered trademark of their respective original manufacturing pump company, none of which have any affiliation with Premier Pumps Private Limited.

Performance Data



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

APPLICATIONS

- Pulp & Paper Industry
- Power Plants
- Chemical & Pharmaceutical Industry
- Textile Industry
- Food and Beverages
- Sugar Industry
- Fertilizer Plants
- Other Process Industries