

PREMIER PUMPS

OTHER PRODUCTS

■ PV SERIES

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

CAPACITY : 150 to 25500 M³/hr (88 CFM TO 15000 CFM)

MAXIMUM VACUUM : 700 mm Hg (27.5" 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: 3300 to 23400 M³/hr (1950 CFM to 12800 CFM)

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



■ P9000

Primarily designed for paper industry with horizontal inputs and outputs.

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



PREMIER
PUMPS PRIVATE LTD

Plot No.38, I.D.A MALLAPUR,
HYDERABAD – 500 076, INDIA
Ph : +91-40-27151951, 27171844
sales@premierpumps.net
www.premierpumps.net

PREMIER



PREMIER SERIES

LIQUID RING VACUUM PUMPS & COMPRESSORS

PREMIER SERIES

Performance data

Energy efficient single stage Vacuum Pumps capable of handling excess process water finding wide applications in Pulp and Paper Industry. Unique inlet configuration allows pump to be accommodated in low roof installations.

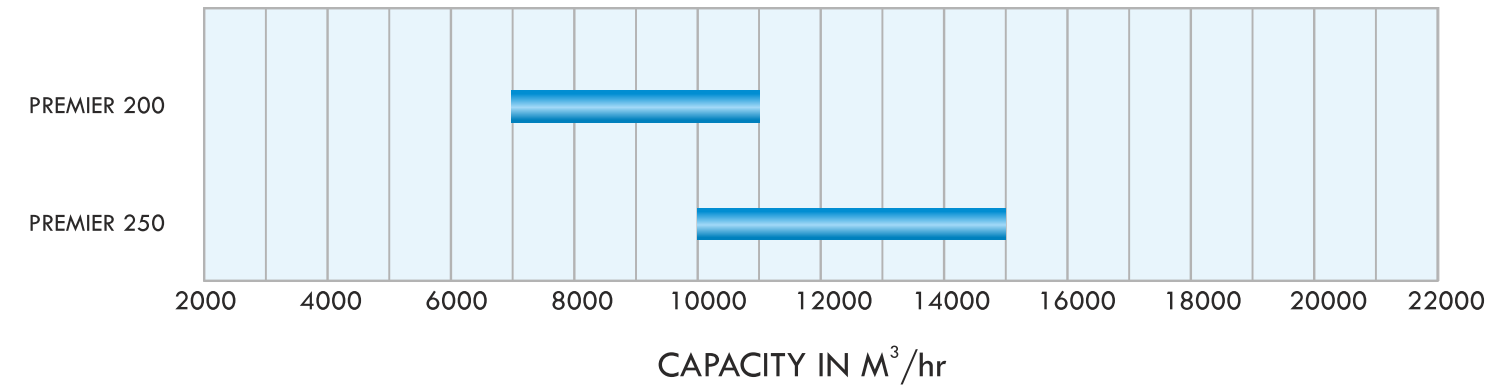
- PREMIER series can handle excess liquid carryover without any difficulty even if it arrives as massive slugs.
- Ease in maintenance because of externally mounted bearing housing.
- Two inlets can be connected to a single service with both pump halves operating in parallel. They can also be connected to separate services that can be operated at two different vacuum levels.
- 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 Premier series
- 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 the 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.

The pumps can also be supplied with wet parts in solid or clad SS 304 and SS 316.



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

Equivalent Chart

PREMIER	*NASH
P200	PREMIER 2160
P250	PREMIER 2200

APPLICATIONS

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

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