

# 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



### 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



### 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



### 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



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# PXL SERIES

LIQUID RING VACUUM PUMPS & COMPRESSORS

# PXL SERIES

PXL Vacuum pumps and compressors feature a compact and optimum design to achieve high efficiency performance.

**CAPACITY :** 130 CFM TO 3010 CFM (220 M<sup>3</sup>/hr to 5110 M<sup>3</sup>/hr)

**MAXIMUM VACUUM :** 28.7" Hg (730 mm Hg) at mean sea level (MSL)

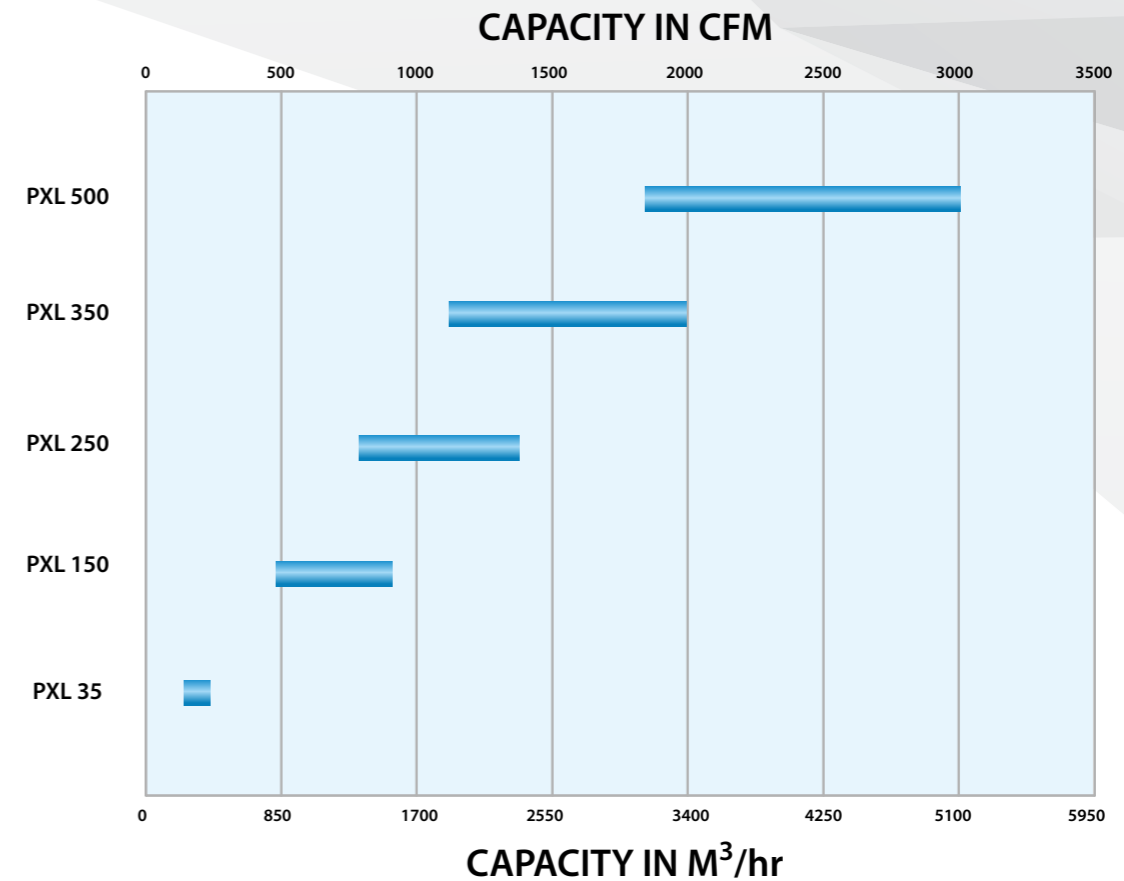
- Low to Medium capacity range
- Designed to excel in applications requiring discharging against positive back pressure
- Enhanced capacity can be achieved when handling saturated gas by using inlet spray nozzles provided near inlet throat of pump
- All components are 100% interchangeable with \*NASH XL series
- Standard material of construction is Cast Iron, also available in CF8 (S.S 304) and CF8M (S.S 316)
- All rotors are dynamically balanced as per ISO 1940, G6.3 standard
- Before dispatch, 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 (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, total or clad 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 Chart

PREMIER	*NASH
PXL 35	XL 35
PXL 150	XL 150
PXL 250	XL 250
PXL 350	XL 350
PXL 500	XL 500

## 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.