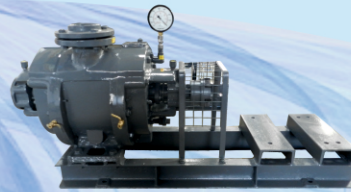




IVC
PUMPS PVT. LTD.



Single Stage Vacuum Pump



Mono Block Vacuum Pump



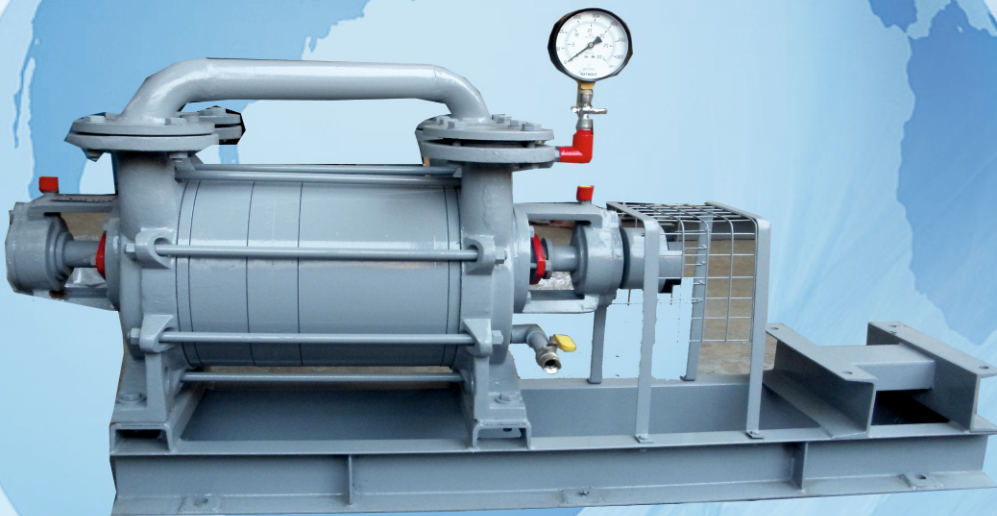
High Capacity High Vacuum Pump



Oil Seal, Rotary High Vacuum Pump



Twin Lobe Roots Blower



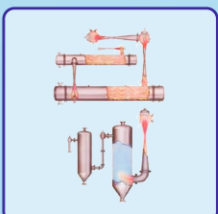
TWO STAGE WATERING VACUUM PUMP



Close Loop Water
Re-Circulation System



Mechanical Vacuum
Booster System



Steam Jet Ejector
System



IVC PUMPS PVT. LTD.

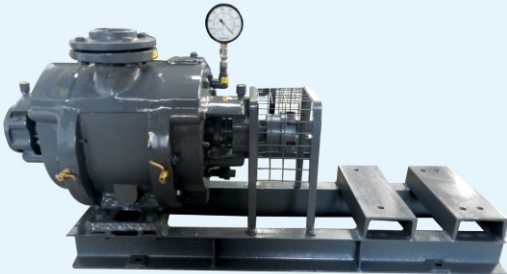
Plot No. 255, Phase-I, Near Devi Masala, G.I.D.C. Estate,
Naroda, Ahmedabad- 382330. Gujarat, India.

Ph No. : +91 79 22807781 / 82 Mobile : +91 99047 07781 / 85

E-mail : ivc@ivcvacuumumps.com Web : www.ivcvacuumumps.com

● SINGLE STAGE VACUUM PUMP

Single Stage liquid-Ring vacuum pumps are based on the Most Reliable SLM Maneklal Design The Pump develop Maximum vacuum of 710 mm of Hg. when sealing water Temperature of 30° C.

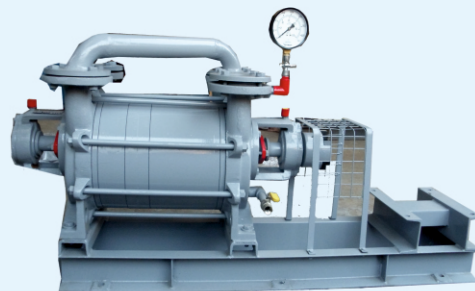


RANGE

- ➡ Capacity : 49 M³/hr. to 2700 M³/hr.
- ➡ Vacuum : 710 mm of Hg.
- ➡ Power : 3 HP to 120 HP

● TWO STAGE VACUUM PUMP

Two Stage Liquid Ring Vacuum Pumps are better design than single stage vacuum pumps, having advantage of higher capacity at high vacuum and also requires low quantity of water at low pressure compare to single stage vacuum pump. Two stage vacuum pump develops maximum vacuum of 720 mm of hg, when sealing water temperature is 30°C

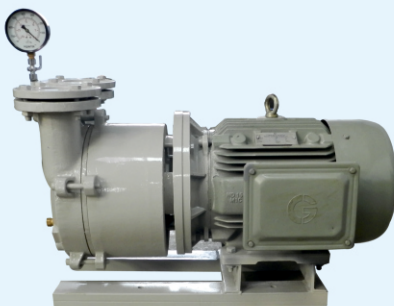


RANGE

- ➡ Capacity : 50 M³/hr. to 1800 M³/hr.
- ➡ Vacuum : 720 mm of Hg.
- ➡ Power : 3 HP to 90 HP

● MONO-BLOCK (CLOSE COUPLED) VACUUM PUMP

Mono Block (Close Coupled) liquid-Ring vacuum pumps are very compact, Easy to install, Assemble with smooth Operation. These pumps are assembled directly to motor flange & shaft. The pump develop Maximum vacuum of 710 mm of Hg. when sealing water Temperature of 30° C .



RANGE

- ➡ Capacity : 18 M³/hr. to 330 M³/hr.
- ➡ Vacuum : 710 mm of Hg.
- ➡ Power : 1 HP to 15 HP

● HIGH CAPACITY HIGH VACUUM PUMP

High Capacity High Vacuum "Double Suction and Double Discharge". Liquid Ring Vacuum Pumps, develop maximum vacuum of 710 mm of hg. when sealing water temperature around 30° C These pumps are widely used where high capacities are required at low vacuum.

RANGE

- ➡ Capacity : 100 M³/hr. to 1500 M³/hr.
- ➡ Vacuum : 710 mm of Hg.
- ➡ Power : 5 HP to 50 HP



● OIL SEAL ROTARY HIGH VACUUM PUMP

These are oil-immersed, Rotary vane type pumps, designed and manufactured for long trouble free operating life. These pumps are Air-cooled & Water Cooled Models also. There Built-in NRV which Prevent back oil Flow of Air & Oil.

RANGE

- ➡ Max. Capacity : 50 LPM to 20,000 LPM
- ➡ Max. Vacuum : Single Stage : 0.05 mm of Hg.
- ➡ Max. Vacuum : Two Stage : 0.005 mm of Hg.
- ➡ Pump Speed : 500 RPM
- ➡ Vacuum Measured by Mc Leod Gauge at Suction Side of Pump



● MECHANICAL VACUUM BOOSTER SYSTEM



Mechanical Vacuum Boosters enhance the performance of Vacuum Pumps, because the volumetric efficiency of Vacuum Pump is poor in low pressure operation. The Booster handles large volume of gas at relatively very low power consumption,

Mechanical Vacuum Boosters are available in both Water-cooled and Air cooled executions. Capacities range between 1660 LPM to 200000 LPM. Motor KW ranges between 2.2 to 20 KW.

We offer total system to meet specific requirements complete with primary pump (Backing pump) and instrumentations to perform automatic / semi-automatic operations.

The Boosters are used in series with any vacuum pumps like Watering, oil Seal, dry type or Ejector System.

● STEAM JET EJECTOR SYSTEM

Liquid Jet Ejector System.

Rota Jet Ejector.

Single Stage Steam Jet Ejector.

Multi Jet Steam Jet Ejector.

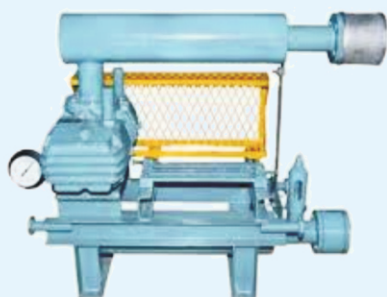
Steam Jet Liquid Jet Ejector Combination System.

Ejector System For Oil Refinery & Solvent Extraction Plant.

MOC Available in Cast Steel, SS, Alloy Steel, PP



● TWIN LOBE ROOTS BLOWER



These Blowers are Positive Displacement Suitable Wide Range Of Operating Speed Through V Belt drive To Achieve Different Capacity As Per Requirement.

RANGE

Capacity : 40 M3/hr. To 4,500 M3/hr.

Pressure : 1.0 Kg/cm²

[Air Cooled & Water Cooled Models Are Available]

● CLOSE LOOP WATER RE-CIRCULATION SYSTEM OF VACUUM PUMP

Close Loop Water Re-circulation System is total Re circulation of the service liquid of vacuum pump. In this system the service liquid is Re circulated in close loop system through Heat exchanger.



PRODUCT FEATURES

- ➡ Available with either Single-stage or Two-stage Liquid ring Vacuum Pumps.
- ➡ Capacities from 50-1500 M³/Hr.
- ➡ Designed to be environmentally friendly and eliminate Water pollution.
- ➡ Reduced service liquid consumption.
- ➡ Available with either Shell & Tube or Plate type Heat Exchanger for Maximum heat transfer efficiency and minimum cooling water requirements.

INDUSTRIES SERVE

Food, Pharma, Chemicals, Dairy, Oil, Fertilizer, Sugar, Paper, Plastic, Packing & All Type Process Industries.



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