



## Liquid Ring Vacuum Pumps – LRVP Series

Versatile, High-Performance Vacuum Solutions Engineered  
for Industrial Excellence

## Liquid Ring Vacuum Pumps

Toshniwal Vacuum, leader in Vacuum Engineering for over 60 years now provide solutions your vacuum. Liquid Ring vacuum Pump Pompetravaini Packaged vacuum system with total recirculation capacity upto 5000 m3/hr maximum vacuum 5 mbar comparing traditional system saves 30-40% power.

### CLOSED LOOP CIRCULATION SYSTEM:

#### Hybrid Liquid Ring Vacuum Pump



#### Hydropack Liquid Ring Vacuum Pump



### SERVICE FLUID OPTIONS:

- Water with Sodium hydroxide solutions for corrosive applications
- Benzene and other organic solvents

### INSTRUMENTATION:

- Remote monitoring of pump parameters and operations

### TRVX Liquid Ring Vacuum Pump Series

1. The precision impeller position setting, made from the outside with the pump assembled, is simple and fast. This permits the pump to work at maximum efficiency, reducing installation and running costs.
2. O-rings, replacing the liquid gaskets, ensure perfect sealing and reliability, are much simpler to assemble and disassemble, and offer a wider selection of elastomers for chemical compatibility with the gas/liquid being pumped. This solution significantly reduces the total cost of the product lifecycle by decreasing both the likelihood of sealing deterioration and maintenance times
3. Traditional cast iron plates are heavier and can exhibit casting defects that alter the geometries of the ports, affecting performance consistency. With stainless steel laser cut port plates, the weight is reduced while increasing the mechanical characteristics of the pump, thus extending the life of this component. The result is greater reliability with significant savings on maintenance costs

S. No	Model	kW	Capacity (M <sup>3</sup> /HR)	Shaft Dia (mm)
1	TRVX 257	1.5	54	24
2	TRVX 403	3	110	35
3	TRVX 405	4	150	35
4	TRVX 407	5.5	200	45
5	TRVX 503	7.5	280	45
6	TRVX 657	11	450	43
7	TRVX 1003	15	550	55
8	TRVX 1005	18.5	670	55
9	TRVX 1007	22	835	55