

# Vacuum Blower Packages VP Series

The best choice for processes requesting a vacuum level up to 100 mbar abs is the « VP » Hibon dry vacuum blower package.

### Free oil & water :

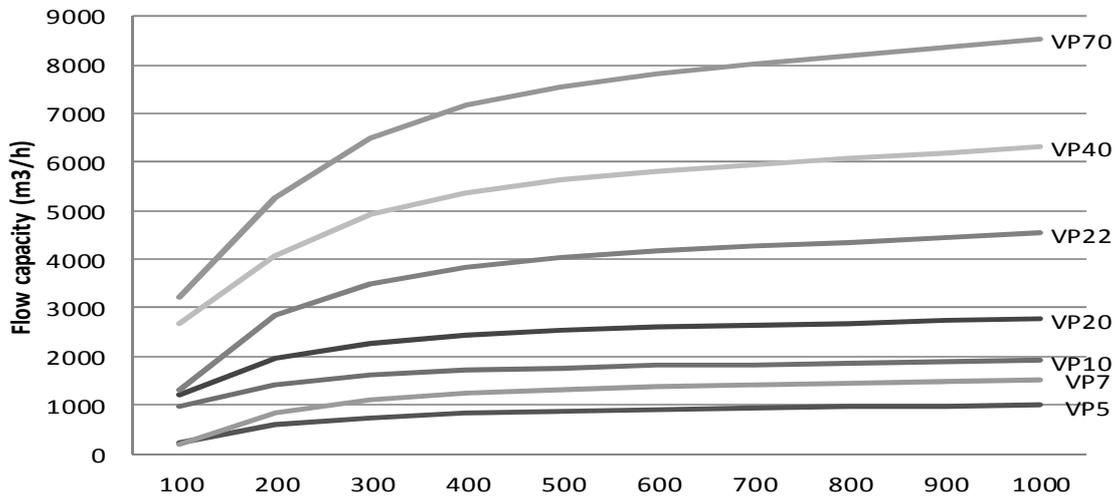
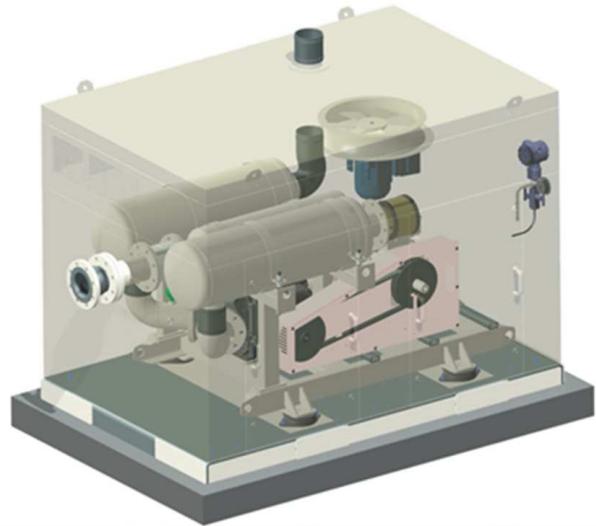
The vacuum package doesn't need water or oil to run. All the parts in contact with the gas are dry avoiding retro diffusion into the process.

### Less consumption, better efficiency :

Thanks to the air injection design, the VP can achieve vacuum level up to 100 mbar (abs);  
The no contact technology make it less in power needed to run and maintain a constant flow and vacuum level for your process within years.

### Yearly low maintenance :

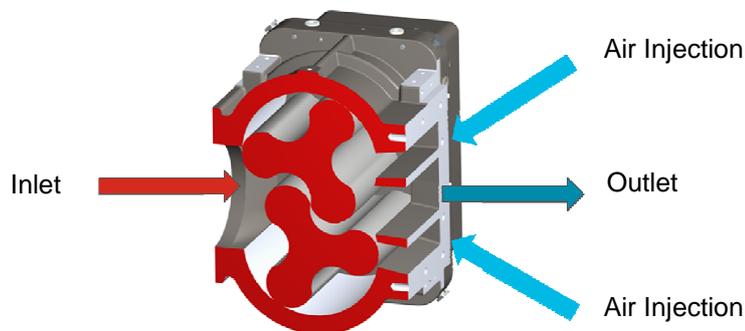
The yearly maintenance needed on the VP's is very low and makes this product really reliable. You will not spend time on it, just have to change oil & belt.



Range	VP5	VP7	VP10	VP20	VP22	VP40	VP60	VP70
Flow (m <sup>3</sup> /h)	1000	1500	1900	2800	4600	6500	7800	9700
Ultimate pressure (mbar)*	100	100	100	100	100	100	100	100
Power (max installed)	30	37	45	75	132	200	250	300
Noise	82	82	83	85	85	85	87	89
Oil quantity	1,2	1,2	2,2	2,2	3,7	8,2	8,2	11

## Operating principle

The air coming from the process (red arrow) is displaced then cooled by air injection (fresh blue arrows) and discharged at outlet (dark blue arrow). Thanks to this « easy design » the VP is reliable with only mechanical cooling.



## « Packages » :

VP are designed, developed and assembled as complete package where everything needed is included. These packages can be optimized for each project or application thanks to a wide range of accessories and options.



### Standard Supply

Blower
Motor
Base frame silencer
Belt guard
Base frame
Motor support
Inlet filter
Anti vibration plots
Safety valve
Sound enclosure

## Accessories/ Options

- ATEX 22
- Coating against corrosion
- Painting on specification
- Vacuum analog gauge
- Special filtration
- Tropicalized motor

## Main applications

- Liquid/solid separation
- Pneumatic conveying
- Centralized cleaning systems
- Plastic extrusion
- Pick & Place
- Drying...

\*: Maximal vacuum peak achieved



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