



VISMEC is able to offer a full range of conveying equipment.

VISMEC's Material Handling System, allows polymers to be automatically distributed to the processing machines, through a series of piping in a stand alone or central vacuum system VB central vacuum units are available in a wide range of pumps from 0,75 Kw/h to 11Kw/h single, double and triple stage capable to cover many applications range. VB series suction units are made of a sturdy structure and they are combined with filters and receivers in order to convey the plastic granules according to the customer's request. The vacuum pumps, with a power ranging from 0.75 up to 11 kW, cover a production range of up to 3000 kg/h.

The compact frame system with double filter / double pump can be supplied with automatic switch-over valves. Specific sensors monitoring the correct functioning of the filter and vacuum unit in case of failure the system automatically switches the filter or diverts the vacuum flow.

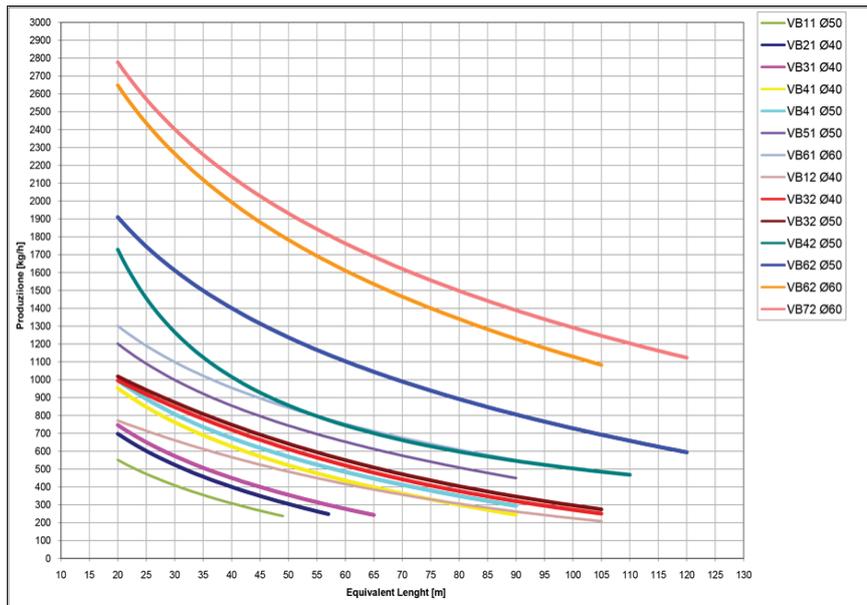
No more down-time due to filter servicing and vacuum motor failure .



## Vismec's Vacuum Units features

- Centralized filter with double technology: high efficiency cyclone and separate polyester cartridge filter. It is 10 times cleaner than competitors solutions.
- Implosion cleaning system for the entire surface of the cartridge filter for an perfect cleaning.
- Spy glass for both the filter case and the dust bin.
- The System reduces the vortex and allow the complete filling of the dust bin.

- Less maintenance for operation cleaning.
- Simple dust removing.
- Pumps air exhaust is delivered on the top.
- All the service piping and connections are on the back.
- Active Speed control system (on constant speed).  
OPTION
- Pump motor temperature and exhaust air temperature are monitored. OPTION



One-filter vacuum unit



Two-filters vacuum unit



Two-filters vacuum unit + spare blower  
The exchange between the blowers can happen manually or automatically through an automatic switch.

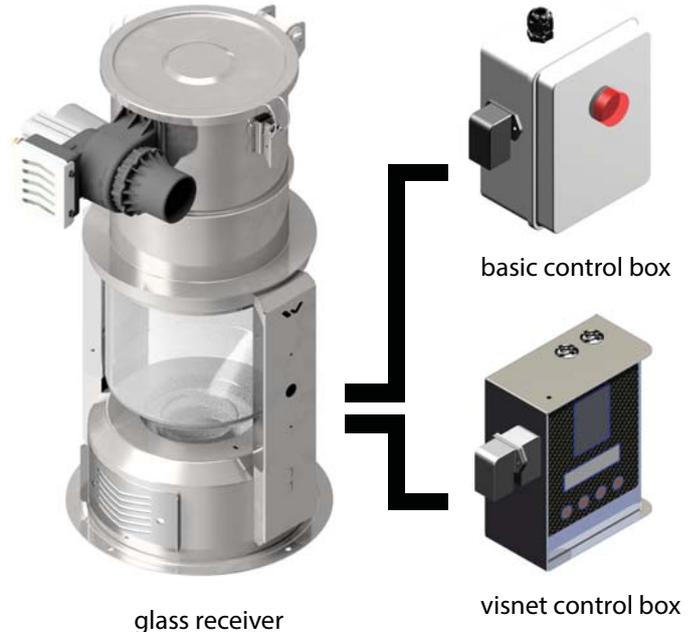


## Vismec's Vacuum Receivers features

Vismec's Vacuum Receivers come in two main types: Visnet version - suitable for central conveying system and equipped with electronic control connected through Visnet bus system and Basic version. Our range goes from 2 lt to 150 lt capacity.

Main Features are:

- Advanced control interface Visnet bus system with 4 wire connection.
- Receiver setting from 3 points, from the receiver, from the server and from the supervising system.
- Automatic configuration, when a new receiver is plugged in, the server recognizes immediately the new receiver.
- Easy loading time setting with STOP and GO button or with capacitive sensor.
- 20 different feeding priority levels can be assign on each receiver: in this way the most important feeders always covered with material.
- Big DOT Matrix LED display gives all the process information.
- Halo measures exactly the quantity of material that is conveyed (Optional).
- Completely swiveling elements: material pipe, vacuum pipe and display can fully 360° rotate.
- Standard high temperature vacuum break valve body, sealing and pneumatic cylinder.
- Anti-wear version (option) for abrasive material.
- Glass body version available on 6 and 10 lt capacity.
- Vacuum break valve on the side: this makes possible to have rigid pipe for both material and vacuum. The lid will be free to open and close for regular maintenance.
- "One-piece" flap assembly: as no screws are used on the flap there's no risk to drop metalparts inside the imm screw.
- Completely silicone free: both versions, in stainless steel and in glass.
- Standard unit suitable for high temperature.
- Easy access.

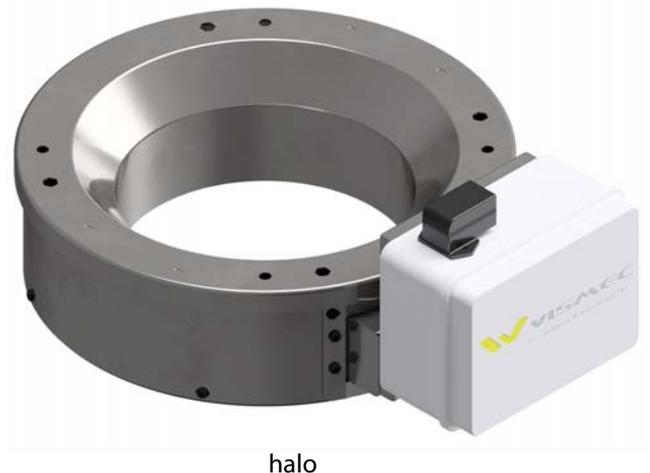


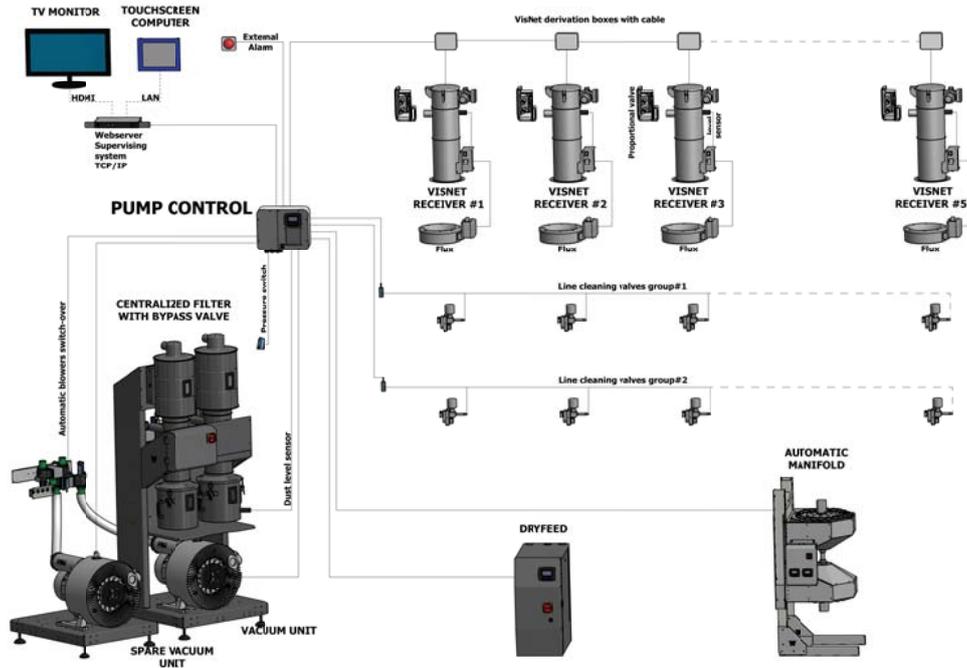
## HALO

Halo is a device installed under the receiver which is able to elaborate data and guarantee an instantaneous measurement of the material that is conveyed.

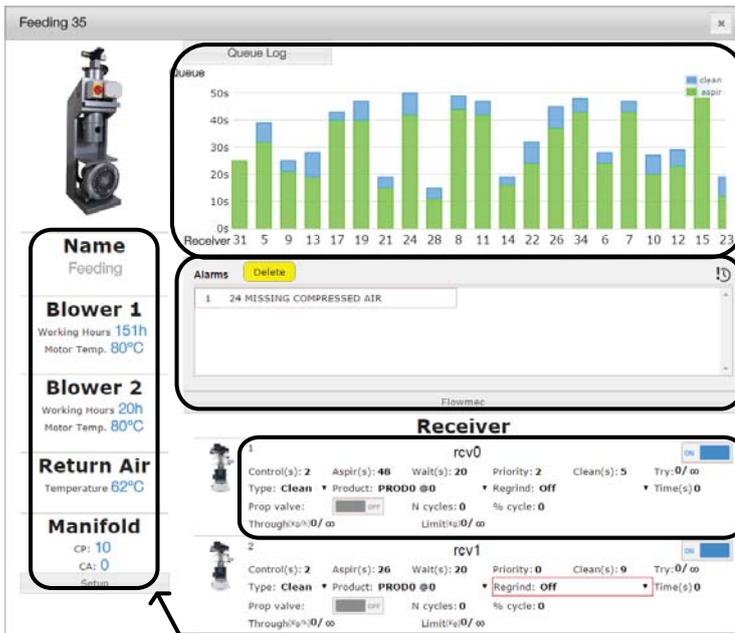
Main features:

- Counting the quantity of conveyed material.
- Production control.
- Totalizer.
- Dryer control.





example of Vismec supervising system



← Real time loaders monitor: in green it's displayed the loading time, in blue the vacuum cleaning line time.

← Warning and alarm monitor.

← Single receiver setting where you can set all the main setting and customize the name.

← Vacuum loader setting page, all the pump and filter setting are displayed on here

## application examples

