



# Feeding & Conveying

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 standalone 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.

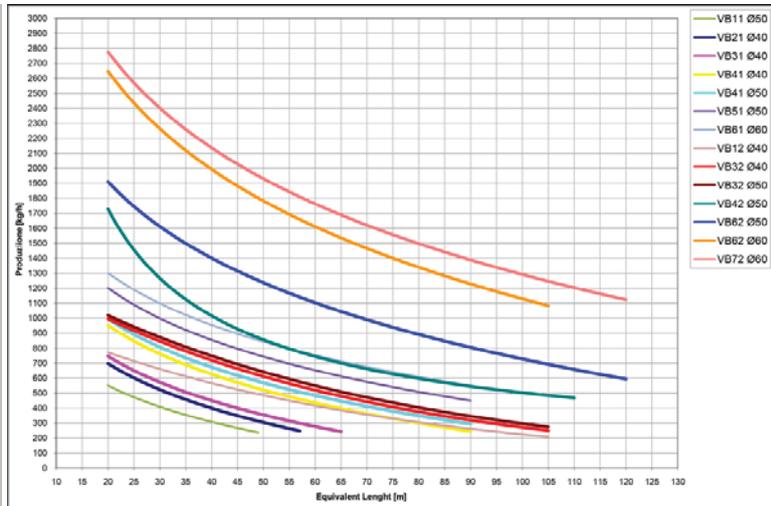
The vacuum pumps, with a power ranging from 0.75 up to 11 kW, cover a production range of up to 3000 kg/h

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 the 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
- System to reduce 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-filter vacuum unit with automatic switch-over

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Vismec's Vacuum Receivers come in two main types: Visnet version – suitable for central conveying system and equipped with electronic control connected through one wire bus system; and Basic version without electronic.

Our range goes from 2 lt to 100 lt capacity.

## Vismec's Vacuum Receivers features:

- Advanced control interface in 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
- FlowMec measure 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 brake 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 metal parts inside the imm screw.
- Completely silicone free: both versions, in stainless steel and in glass
- Standard unit suitable for high temperature
- Easy access



stainless steel Visnet receiver



glass Visnet receiver

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