

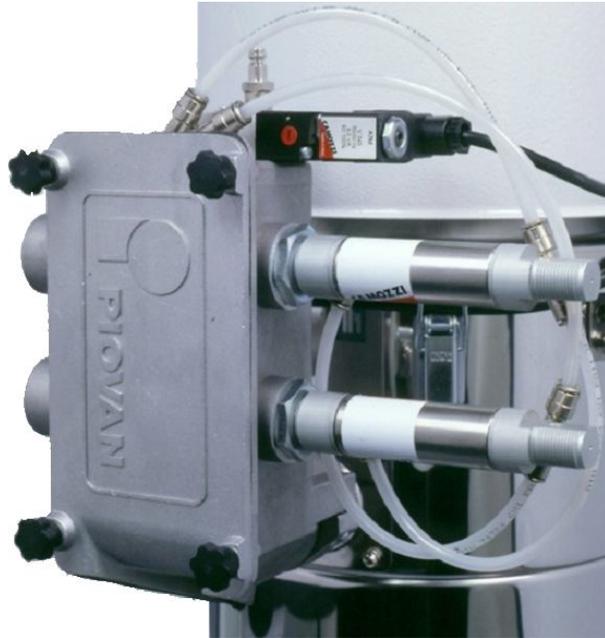
Application

Operation principle

Advantages

Highlights

Comparison



- Feed and proportioning of virgin and regrind material with a hopper loader or material receiver.
- From 0% to 100% of regrind material can be proportioned.
- Where the mixing precision is not the main target.

Application

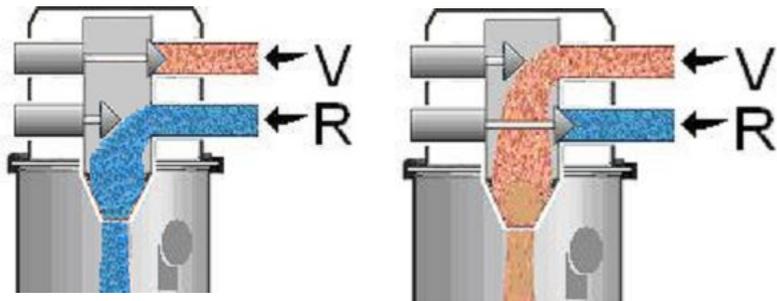
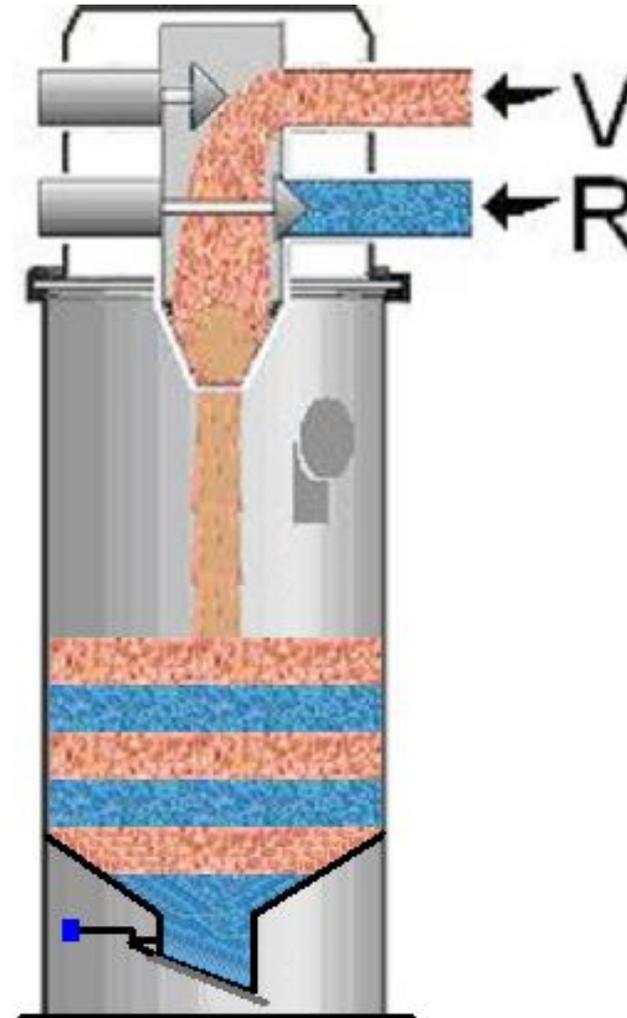
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The VP valve consists of a housing with two material inlets and one material outlet. During conveying time of the hopper loader or receiver there are two cylinders that open and close the two material suction lines, so that alternatively material V (Virgin) or material R (Regrind) is aspirated. This causes filling of the hopper loader in layers. The layers mix when the material runs out of the hopper loader. VP run during suction time. Using programming keypad is possible to decide the regrind percentage and number of cycles. Percentage can be set from 0% to 100% even is suggested to set percentage from 5% to 95% (especially if the conveying time is short like 10s), this for be sure material have enough time to arrive into the receiver. Number of cycles can be set from 1 to 9. In presence of low percentage or short suction time is suggest to set just 1 cycle, more cycle can be used when a better mixing is required but in presence of long suction time and percentage between 30% and 70%.



The first feeding is all the time taken from lower inlet: **R**egrind.

The last feeding is all the time taken from upper inlet: **V**irgin.



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Benefit:

- Body: entirely made out of aluminum
- Compact design
- Easy to clean due to a large access cover
- Easy to install on any Piovan receiver/conveyer
- Easy to set as the value are introduced as percentage value

Performance:

- Body: special design prevent material stagnation point
- Good mixing as number of cycle can be adjusted

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- VP are available with 40mm and 50mm diameter.
- Special VP 30mm is available.

