

Automatic separation valve

for all VEMAG grinders with separation device



Increase product reliability by separating out undesired product constituents automatically.

So you grind products and would like to determine product quality and product reliability yourself? Look to VEMAG's automatic separation valve and automatically separate out particles of bone, rind and sinew plus possible foreign bodies whilst grinding.

With the aid of the separation valve, you will make your production more reliable and simultaneously improve the standardisation of your products. As the separation process is precisely controlled by the portioning computer of the filling machine, you determine the achievable yield. Product results are standardised and reproducible to a high degree.



Automatic separation valve on separation attachment 801

The automatic separation valve considerably increases the technological reliability of the VEMAG grinding system. The separation valve can be combined with all our grinders and used for all grinding processes.

Use

The automatic separation valve automatically separates out particles of bone, rind, sinew and other hard constituents such as foreign bodies (like clips) during grinding. The separation data and the relevant program are stored in the portioning computer of the filling machine. The separation process is therefore completely independent of manual intervention by the operator. In this way, controlled separation is possible, guaranteeing a high level of reproducibility of results.

As the yield and quantity of separated constituents is controlled not randomly, but accurately by the portioning computer, the standardisation of products is also improved.

The automatic separation valve opens up a large number of potential applications:

- Generating high-quality, reliable raw materials in combination with separation grinder 982 or separation attachment 801 by reliably separating out splinters of bone, sinew and foreign bodies.
- Separating out undesired constituents in the production of minced meat in combination with minced meat attachment 801.
- Separating out large sinews, gristle

etc. when grinding and/or linking sausages in combination with sausage grinder 980.

Handling

The separation valve is attached to the outlet of the grinder in just a few manoeuvres. The vacuum filler controls the separation valve via the relevant remote control socket. The separation valve is ready for use as soon as it has been connected to the factory compressed air supply.

The operator just enters all the separation data, e.g. desired yield, on the portioning computer of the filling machine.

Applications

The automatic separation valve can be combined with the following grinders:

- sausage grinder 980
- separation grinder 982
- minced meat attachment 801
- separation attachment 801

All the benefits at a glance

- Increased production reliability as a result of automatically separating out particles of bone, rind, sinew and foreign bodies
- Improved product standardisation through PC-controlled yields
- Extremely high reproducibility of product results, as all settings are stored in the PC program
- Flexible use in all grinding processes
- Suitable for all raw materials (meat, fruit, vegetables etc.)



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Technical data

Yield:	can be set by portioning computer
Can be combined with grinders:	sausage grinder 980 separation grinder 982 minced meat attachment 801 separation attachment 801
Compressed air connection:	6 bar

Automatic separation in all grinding processes

Sausage grinder 980
Grind and separate whilst linking



Separation grinder 982
Grind and separate whilst filling



Minced meat attachment 801
Grind and separate during production of minced meat



Separation attachment 801
Grind and separate with reproducible yields



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