

Diaphragm 821

Portioning device for round products



Accurately shape and portion balls, dumplings, meat balls and croquettes.

So you would like to complement your range of convenience foods and are looking for innovative product ideas? Put your money on the VEMAG diaphragm 821 for rapidly and straightforwardly portioning balls, croquettes, dumplings, meat balls and similar products.

You prefer products with rounded ends? No problem – by combining the device with a pneumatic cylinder, you can also use it to produce croquettes with rounded ends.



Diaphragm 821 with triple diaphragm head

Producing balls

The diaphragm 821 is available with a single, double or triple diaphragm head for producing balls.

The single head is available in DF 50, DF 70 and DF 100, the double and triple head in DF 50.

The device is driven by a geared motor via a linkage. A cam disc in the diaphragm head ensures that the product is accurately shaped.

Portioning rates (depending on product size and shape):

single head: max. 200 portions/min
double head: max. 400 portions/min
triple head: approx. 550 portions/min

Features

The devices are available in three sizes designated DF 50, DF 70 and DF 100 respectively depending on the maximum cross-section of the opening.

The cross-section of the opening and thus the diameter of the products is adjustable.

Product sizes for different sizes of diaphragm:

Diaphragm	Product size
DF 50:	max. 35 mm
DF 70:	max. 55 mm
DF 100:	max. 75 mm

Can be attached to ...

... all VEMAG filling machines.

Ideal for:

- Meat balls
- Cheese balls
- Fish balls
- Croquettes
- Potato dumplings

Producing croquettes

To produce croquettes, the device is supplied with a single diaphragm head in sizes DF 50, DF 70 and DF 100. A pneumatic cylinder drives the device.

Portioning rates (depending on product size and shape):

max. 100 portions/min





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