

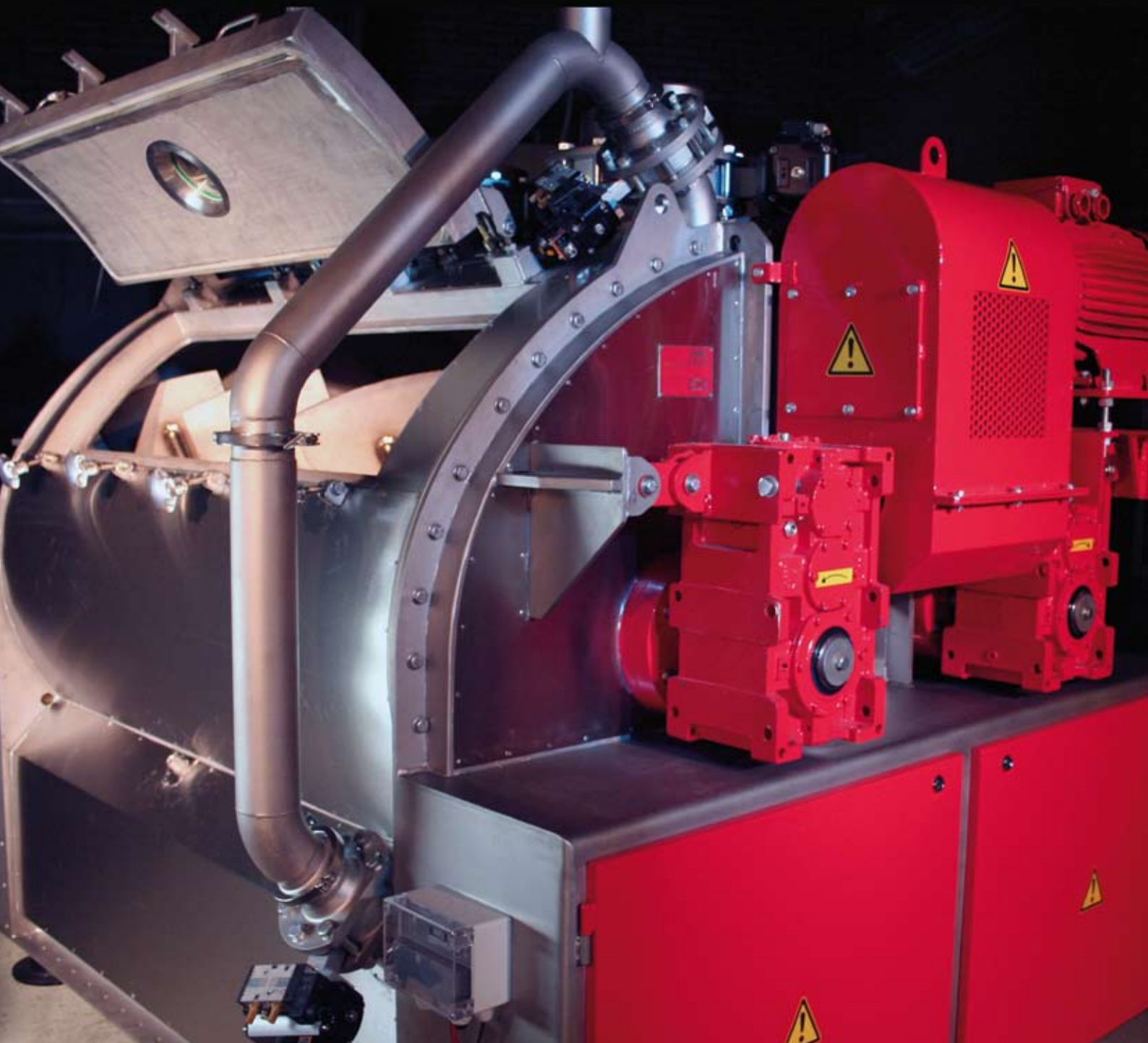
YOUR PROCESS...  
...OUR CARE



MIXING & PROCESSING

**DINNISSEN**   
NATURAL INNOVATORS  
PROCESS TECHNOLOGY

# PEGASUS® VACUUM COATER





## **PEGASUS® VACUUM COATER (excellent for pelleted and extruded products)**

The Pegasus® Vacuum Coater is intended for everyone who wishes to manufacture pelleted and extruded products in accordance with most modern production specifications. It allows you to create a vacuum environment for your production process and to deal effectively with a very wide range of future challenges.

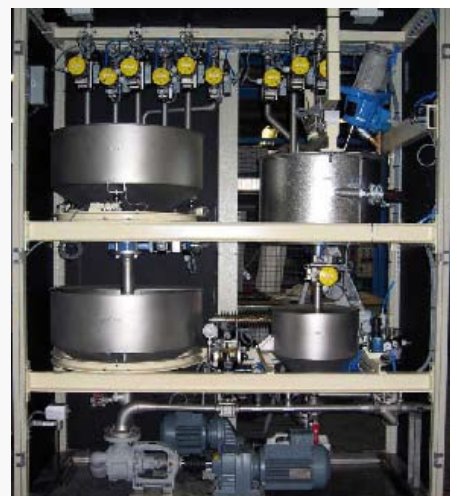


### **Highest level of precision throughout the entire pellet**

Precision is often vital when it comes to working with functionally important ingredients. The Pegasus® Vacuum Coater allows you to coat each pellet with precisely the right amount of powder or liquid, which is then distributed deep into the pellet. The result: the highest possible level of homogeneity and precisely the intended effect.

### **Optimum protection for your valuable ingredients**

With the Pegasus® Vacuum Coater you can reduce the waste of valuable ingredients to a minimum while also ensuring that their future integrity is preserved. During the production process a robust protective layer is applied to each pellet, which prevents the pellet from breaking or crumbling and conserves valuable ingredients contained in the pellet. Each pellet retains its original shape, and less crumbling also means a reduction in costs associated with the cleaning of transport systems.



## *Testing facilities*

*Our D-Innocenter® testing facility offers ample possibilities for developing new products or testing your existing products.*



**Applying several components extremely homogeneously by adding additional layers**

If you wish to add even higher percentages of supplemental liquids or additional ingredients in a very homogeneous fashion, you're often presented with difficult challenges. In such cases, the Vacuum Coater provides you with new opportunities by allowing you to quickly and effectively apply several layers to pelleted or extruded products.

**Maximum flexibility in your production process**

By switching the vacuum on and off, you can allow liquids to penetrate more or less deeply into the pellet, thereby mixing batches of solid and liquid ingredients very quickly and very homogeneously. This level of control allows you to switch over quickly when starting on the production of a new product and gives you maximum flexibility, even for small quantities.



**Available types**

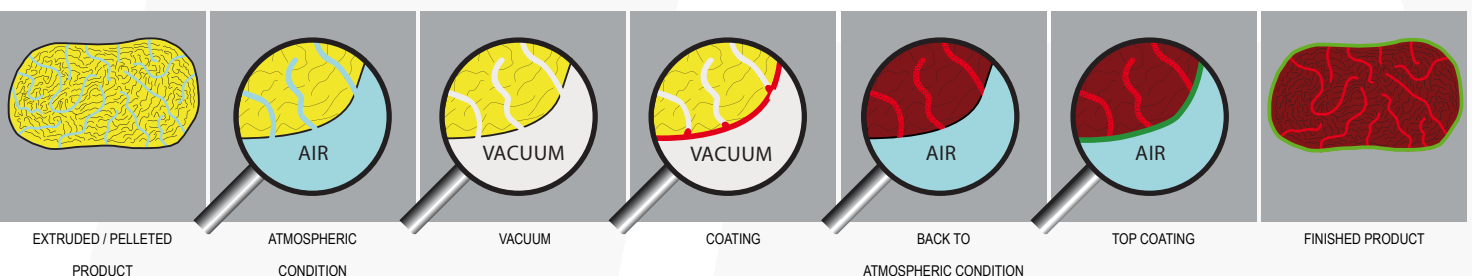
Dinnissen Pegasus® Vacuum Coaters are available in many different sizes, varying from the PG-10VC (10 litres nominal capacity) up to the PG-5000VC (5000 litres nominal capacity).

**Testing facilities**

Our in-house D-Innocenter® testing facility offers you a wide range of possibilities for developing and/or testing new products as well as testing your existing products.

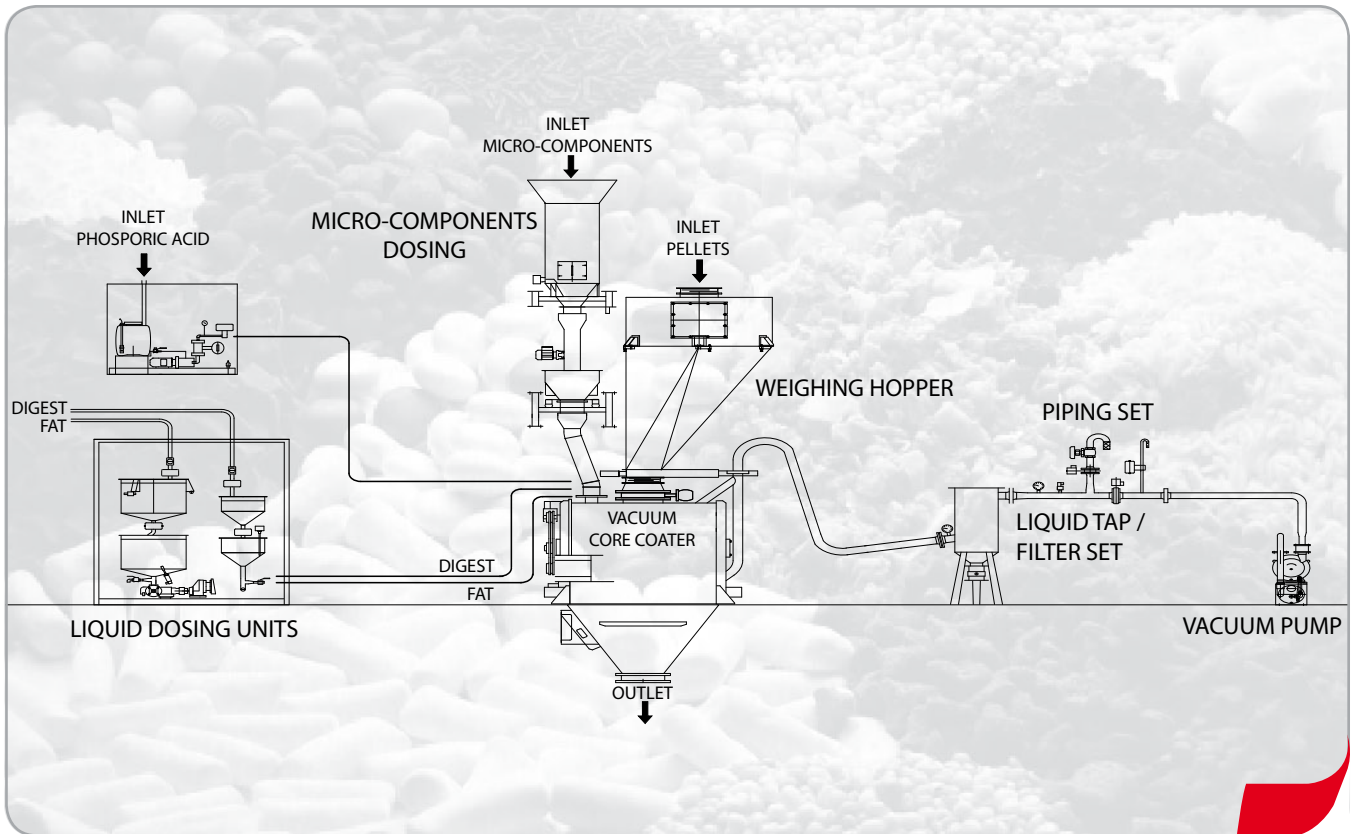
**Applications**

- |             |                |
|-------------|----------------|
| Pet Food    | Chemicals      |
| Aqua Feed   | Minerals       |
| Animal Feed | Metal Powders  |
| Food        | Pharmaceutical |



*Video CD*

Please ask for our free video CD-ROM with a demonstration of the Pegasus® Vacuum Coater operating features



Total process with: feeding, pneumatic conveying, coating, sifting, mixing etc.

**Benefits**

- Addition of components (0,01% up to 220% by weight) in- or outside the product;
- Optimal homogeneity;
- Optimisation of extruded output;
- Increased stability, bulk density and flowability for improved quality of pellets and extruded products;
- Easy recipe change for maximum flexibility;
- Less environmental pollution;
- No contamination or residues.

**Features**

- Hygienic design;
  - Large inspection doors
  - Hot air injection (sterilisation)
  - Full-body heating
  - Full-length bottom doors
  - Insulation.
- Weighing;
  - Extruded products / pellets (mainflow)
  - Micro-ingredients (powders)
  - Liquids (fats, acids, enzymes, vitamins, etc.).
- Dosage;
  - Liquid injection
  - Spraying.
- Vacuum system;
- Complete process control.

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