

**Herding® PRODUCT AND SERVICE RANGE –**  
DELTAComp

With this newly developed filter unit by HERDING the idea of a compact and flexible design was consequently put to reality. The DELTAComp can be used for an air flow of up to 6.000 m<sup>3</sup>/h. The electrical controls as well as the fan are integrated into the filter unit. The lower section of the unit can be delivered with a pulse coater, a spark separator, a fire protection system, or a pneumatic dust discharge. The new space saving concept of our DELTAComp units convinces especially by the flexibility of serving in various applications.

- Complete System Solutions for Dust Extraction
- Product Recovery Units
- Process Filters
- Insert and Venting Filters
- Regeneration of Used Filter Elements
- Upgrades on Existing Units, Retrofits
- Unit Safety: Fire and Explosion Protection
- Custom Made Service Packages: Measurements / Consultation / Analyses / PM



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# HERDING DELTAComp FILTRATION TECHNOLOGY



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Herding® - a registered trademark RENOARDE, Regensburg 09/2004 GB 2000

## DELTAComp – COMPACT FILTER UNITS


The new and compact unit design DELTAComp enables the user and operator to make a flexible choice regarding air flow and the size of the unit.

Easy access for operation and maintenance from the front as well as the low profile of the unit are results of our unique user-friendly design approach.

Depending on the air flow, our DELTA or DELTA<sup>2</sup> elements can be horizontally installed in either one or two levels.



In the upper part of the unit the motor, the filter elements, the jet-pulse cleaning system and the electrical controls are integrated.



The lower section of the unit in its simplest form consists of the hopper itself and a dust bin.



As an option an additional spark separator can be integrated into the lower part.

In the case of a fire hazard, a fire protection system can be directly incorporated into the filter unit.

Additional options are:  
- complete electrical grounding of the filter unit  
- Herding® pulse coater used with adhesive products

## SAMPLE APPLICATIONS – THE NEW DELTAComp-SERIES

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Our DELTAComp filter units are best in separation or recovery of fine, adhesive or even abrasive dusts.

### Laser Application:

Laser machining usually generates extremely fine dusts and fumes during the cutting and welding process. On the one hand this can cause health hazards and on the other hand contaminate and damage the machine, the aggregates as well as the processed material. Furthermore some dusts can be even highly inflamed and/or sticky. For this application, we recommend a DELTAComp, which is equipped with a spark separator and a Herding® pulse coater.

### Spring and Wire Industry:

During the production of springs or wires an optimum dust capturing as well as a constant cooling of the tools are the key factors to maintain a constant product quality. The high separation efficiency of the filter elements is equally important like maintaining the required air flow by holding constant pressure drop values across the filter elements.

### Coating of Tablets or Seeds:

During the coating process of tablets or seeds an exact defined air volume is constantly exhausted from the coating-process. This is necessary in order neither to let hazardous material into the workshop nor to loose any product. A constant air flow is decisive for high product quality (e.g. coating thickness).

### Polishing of Steel:

While polishing steel e.g. fittings and mountings, not only the fine dust arises but also flammable material. Polishing paste which is very sticky may even be mixed with the extracted dust. For this application the DELTAComp can be equipped with our pulse coater as well as with a fire protection system.

### More applications for the DELTAComp are to be found in several industries like:

Pharmaceutical, Food, Glass, Ceramics, Plastics, Stone, Powder Coating, Chemical, Metal Processing etc.

Please contact us – we will be pleased to handle your application!

