

stolz

desmet ballestra

Equipment for animal nutrition



Grinding



RMP 18 hammermill and ABMS 8

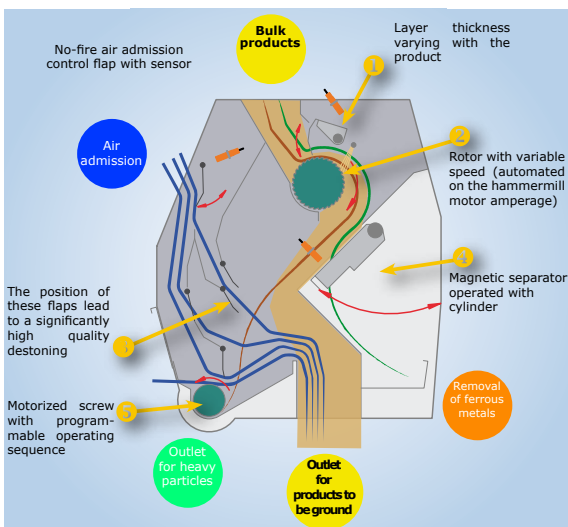
Get more details on the web
www.desmetballestra.com

For over 30 years, our hammermill system has built-up a solid reputation in the animal feed, aqua food meal, and petfood industries.

Desmet Ballestra Stolz has built-up a new grinding / sieving concept in order to offer solutions for an even finer grinding dedicated to the specific food formulas for extrusion meeting the users requirements.

Our sifters with two-way centrifugal rotation and automatic cleaning while running are installed at hammermills outlet.

That concept, combined with our hammermill reputation and our high quality ABMS pneumatic feeder-metal remover-destoner appeal to several dozens of customers each year.



Hammermill feeder principle



BCMT 750 Turbosifter



Non contractual photos and diagrams

Blending



Ribbon mixer with fully opened bottom

Mixing solutions designed by Desmet Ballestra Stolz meet a wide range of requirements.

Several types of machines are available :

- Ribbon mixer
- Paddle mixer
- Continuous paddle mixer
- Vertical mixer
- Molasses mixer
- Fat coater and/or enzymer

Those machines are completed by our dosing systems.

Get more details on the web
www.desmetballestra.com



Fat coater



Blade mixer with synchronized shafts



Stainless steel molasses mixer

Non contractual photos and diagrams

Pelletizing



LYDER pellet mill with conditioner

The high reliability pellet mills designed by Desmet Ballestra Stolz are especially optimized for the animal feed and aquafeed industries.

With their high capacities and low maintenance costs, these pellet mills are very good value for money. Their robustness and reliability are a guarantee of safety for your process.

Our pellet mills are provided with one of our 3 types of conditioners :

- Standard conditioner
- Long residence time horizontal conditioner
- Super conditioner



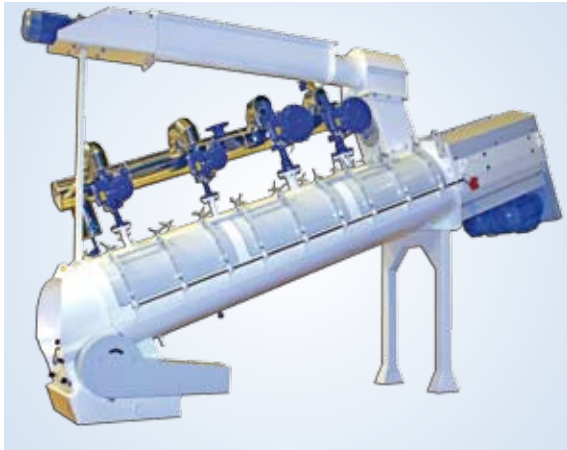
Alliance pellet mill

Get more details on the web
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Super conditioner upstream a pellet mill

Thermal treatment



Super conditioner with steam injection



Counter air-flow dryers-coolers

Our thermal treatment line mainly includes 2 machines :

- The super conditioner, designed to allow you to produce a clean product by killing bacterias and salmonellas, to perform an homogeneous cooking, to ensure a perfect mixing of starch and gluten molecules.
- The counter air-flow dryers-coolers: available with a vertical or horizontal design. That machine can also be equipped with built-in filters.

The efficiency of those thermal treatment lines improves the quality of the animal feed.

Get more details on the web
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Insulated thermal treatment tower to limit contamination risks



Crumbler beneath cooler



Sifter

Handling equipment

Desmet Ballestra Stolz provides a full range of handling equipment with capacities up to 1600 m³/h :

- Chain conveyors
- Bucket elevator booth with full emptying device
- Screw conveyors
- Belt conveyors
- Chain reclaimer
- Pneumatic conveying

For applications not included in this range, our design offices are qualified to develop specific conveyors meeting any requirements.



Chain conveyor



Elevator foot above ground with optimized discharge



Storage bins feeding by belt conveyor



Screw extractors



Chain reclaimer in canola cakes

Get more details on the web
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Non contractual photos and diagrams

Dedusting



Built-in pad filter



Sleeve filter unit for pneumatic transfer

From a compact pads filter designed for bags unloading to the high capacity sleeve filter used for centralised cleaning, Desmet Ballestra Stolz can offer you solutions to your filtering needs.



Decompression sleeve filter



Galvanized cyclofilter with sleeves

Monitoring of filtration processes



Our sequencer is designed to control and monitor the pads and sleeves filters cleaning. The solenoid valves are inserted into the sequencer.

This device is set according to the required use.

The sequencers are fitted with a ΔP module, controlling the start-up and stop of the cleaning operation. This device saves air and improves filtration.

It is equipped with :

- High and low ΔP alarms (with relay output)
- A ΔP threshold and an input for fast running
- A control of an electric fault
- An analog output for the remote monitoring of ΔP measurement
- 2 relay outputs to report faults and control the cleaning.

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Handling equipment & Dedusting

Grinding

Thermal conditioning & Cooling

Pelletizing

Mixing & Coating

Sifting & Cleaning

Services

www.stolz.fr

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