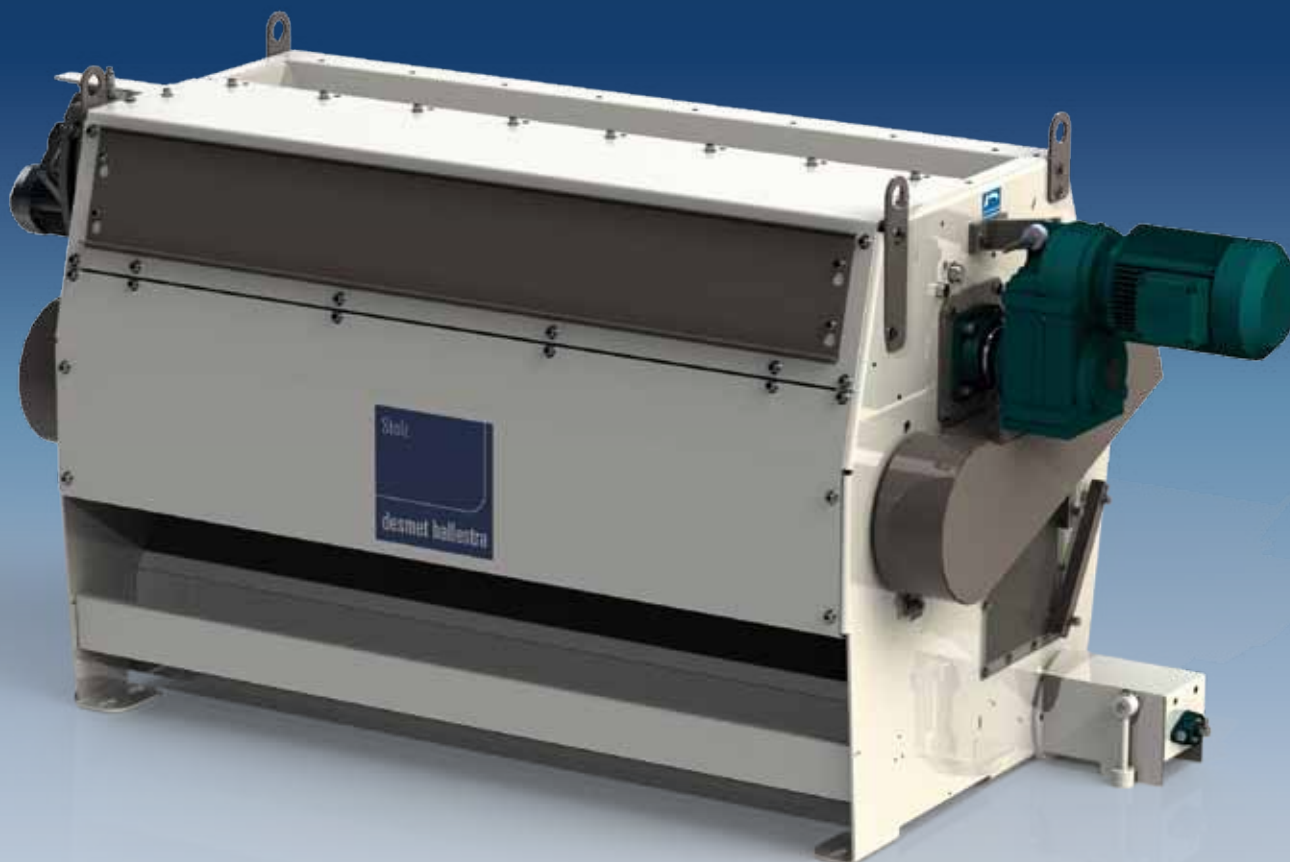


Destoners

DSTO



STOLZ has been designing destoners for decades. Their performance has always been improved and adapted to each specific use in order to guarantee a safe consumption of all types of foods. The destoning is also appreciated by industrials as it reduces wear and tear as well as damages to the processing machines.

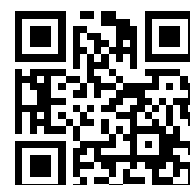
The DSTO destoner is an extension of our ABMS hammermill feeder. This is a cleaning machine dedicated to separate metals, stones and any foreign bodies from the good product via a weight grading inside a casing swept by a rotating air flow.

Placed at diagram head or downstream any equipment it protects the unit against foreign bodies. This equipment also ensures a protection against explosion caused by flint sparks.

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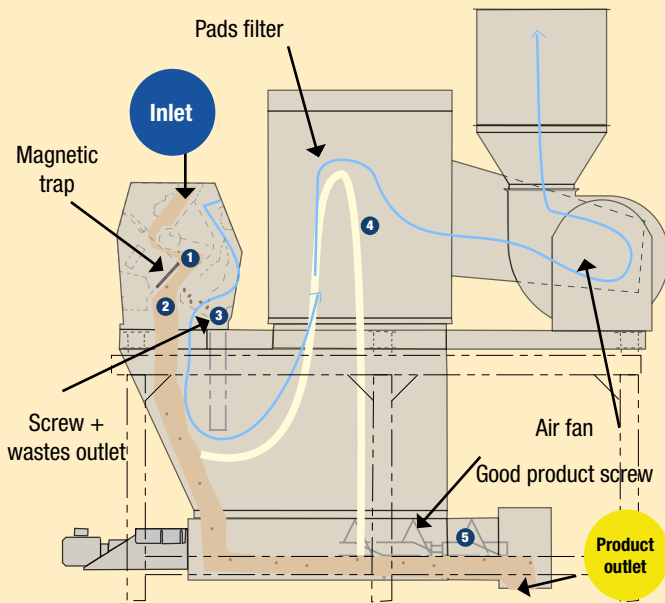


Destoners DSTO

Features

- Monobloc
- ABMS included (refer to separate datasheet)
- Built-in filter
- Coupled anti-spark fan
- Draining of stones bin with pneumatic cylinder, automatically operated or remote controlled by an operator
- Magnetic separator with pneumatic cylinder, automatically operated or remote controlled by an operator
- Removal of heavy particles, especially stones and non-ferrous metals
- Increase of the downstream equipment lifetime thanks to a regular and homogeneous feeding
- Air flow adjustable thanks to internal air flaps (provided to be used with several products)

Operating principle



- 1 The product enters through the ABMS then removing metal parts from the good product.
- 2 The product then falls into a segregation trough to be aspirated by the air flow into the pads filter then falling into the outlet hopper.
- 3 The very heavy unwanted products, stones, mild steel or stainless steel various parts, etc... stays in the trough. At the bottom of the trough, an extracting screw is provided for their discharge at an adjustable time (according to capacity and wastes quantity).
- 4 The air is filtered by a filter built in the hopper before exhausting.
- 5 The good product (heavy and light) is cleaned and then conveyed to the outlet by a screw.



Adjustable flap for air/product segregation



Stones outlet

Type	Usual reached capacities						
	Wheat	Drycorn	Barley	Sunflower	Rapeseed	Soybean	Cocoa
	SW 0.75 H14%	SW 0.75 H15%	SW 0.7 H12%	SW 0.4 H12%	SW 0.6 H12%	SW 0.7 H12%	
DSTO 350	14 t/h	11 t/h	13 t/h	8 t/h	10 t/h	12 t/h	6 t/h
DSTO 720	30 t/h	24 t/h	28 t/h	18 t/h	22 t/h	27 t/h	13 t/h
DSTO 1200	50 t/h	40 t/h	47 t/h	32 t/h	40 t/h	48 t/h	24 t/h
DSTO 1900	79 t/h	63 t/h	75 t/h	45 t/h	56 t/h	67 t/h	33 t/h

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