WHY HAVE SO MUCH DUST?
HERE’S THE SOLUTION!

Agro-industry

THE QUALITY OF EXPERIENCE ON INDUSTRIAL SERVICE

DS - DUST STOP
THE PATENTED HOPPER THAT CONCENTRATES AND STOPS DUST
DUST STOP HOPPER

THE PATENTED DS - DUST STOP HOPPER IS USED FOR ANY TYPE OF DUSTY LOADS, IT ELIMINATES THE NEED FOR FILTRATION SYSTEMS. THE PRINCIPLE OF OPERATION FOR THE PATENTED HOPPER SYSTEM DS - DUST STOP IS FOCUSING THE DUST INSIDE THE PRODUCT FLOW (SEE THE FLOW CHART). THIS ALLOWS FOR A NATURAL DUST STOPPING DURING THE FALL OF THE PRODUCT.

PROBLEM

SOLUTION

TWO VERSIONS AVAILABLE FOR ANY TYPE OF LOAD THAT CONTAINS DUST

AUTOMATIC SYSTEM

DS-A

INDICATED FOR THE PASSAGE OF PRODUCTS WITH DIFFERENT SPECIFIC WEIGHT, THE FALLING FLOW IS ADJUSTED AUTOMATICALLY THROUGH AN ELECTRICAL DEVICE.

MANUAL SYSTEM

DS-M

SUITABLE FOR A PRODUCT WITH MULTIPLE LOAD POINTS, THE FALLING FLOW IS MANUALLY ADJUSTED.

OPERATION:

The patented hopper DS - DUST STOP is available in manual and automatic modes. Both of them consist of:
- a fixed structure part, which is connected through a flange to the product feeding entrance;
- an adjustable inner part which allows to generate the vortex during its operation.

In the automatic version, the control system of the flow is moved and regulated by a sensor positioned on the cylinder.

MANUFACTURING

- Built in painted carbon steel.
- Product control porthole.
- Bellow ring connection.

OPTIONAL

- Stainless steel AISI 304-316 construction.
- Bellows.
- Overflow sensor.
- Displacement pneumatic shutter for the hopper.

DETAILS

01 Displacement pneumatic shutter for the hopper.
02 Automatic model, sensor details.
03 Electrical control panel for DS-A.

MODEL CAPACITY m³/h FULL WEIGHT kg VOLUME lt A mm B mm C mm D mm E mm

DS-A 40 45 50 590 150 460 200 200
DS-M 40 45 50 590 150 460 200 200
DS-A 60 128 164 835 255 660 250 250
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DS-A 75 256 260 950 280 300 300
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DS-A 100 385 738 1280 380 400 400
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DS-A 150 641 1900 1725 500 450 450
DS-M 150 641 1900 1725 500 450 450

NB: Capacities and full weight calculated with wheat specific weight 0.78 t/m³.
- RH 14%. All versions are automatic. M versions are manual.
- Models available with special applications.

Air consumption 6 bar for the automatic version.
Power consumption 220V 50Hz. The greater the size of the product, the lower the concentration of dust.
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<th>CAPACITY</th>
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<th>VOLUME</th>
<th>A</th>
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