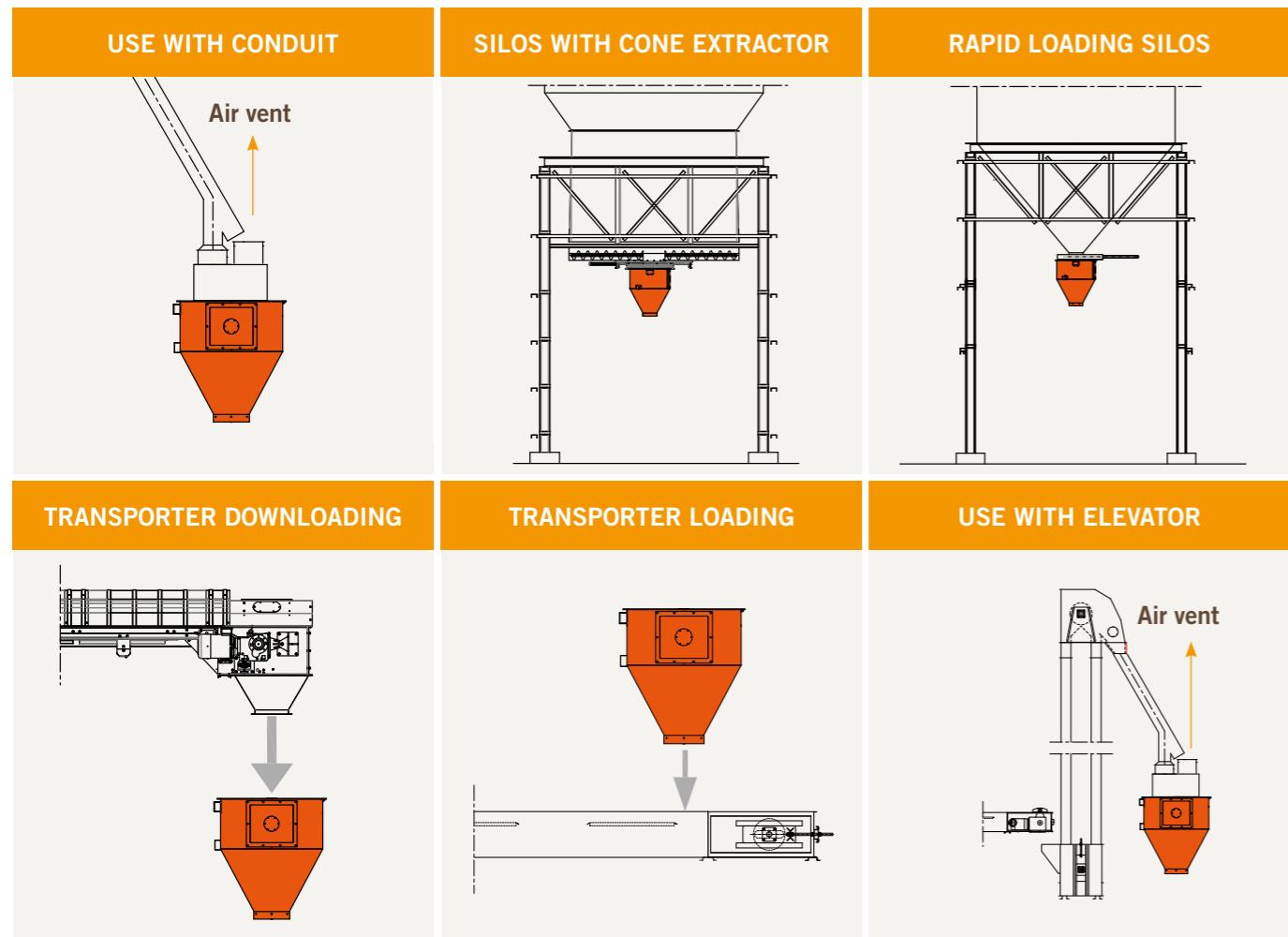


INSTALLATION

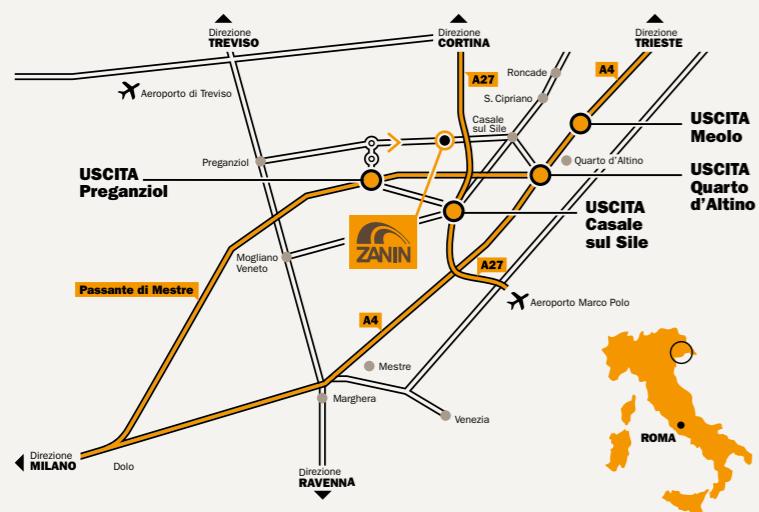


ZANIN DUST STOP



WHY HAVE
SO MUCH
DUST?

THE
SOLUTION!



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WARNING: INFORMATION IS NOT BINDING, PLEASE REFER TO THE TECHNICAL DOCUMENTATION RELEASED DIRECTLY BY ZANIN



Discover all Zanin products on our website www.zanin-italia.com

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RESELLER

THE QUALITY
OF EXPERIENCE
ON INDUSTRIAL
SERVICE

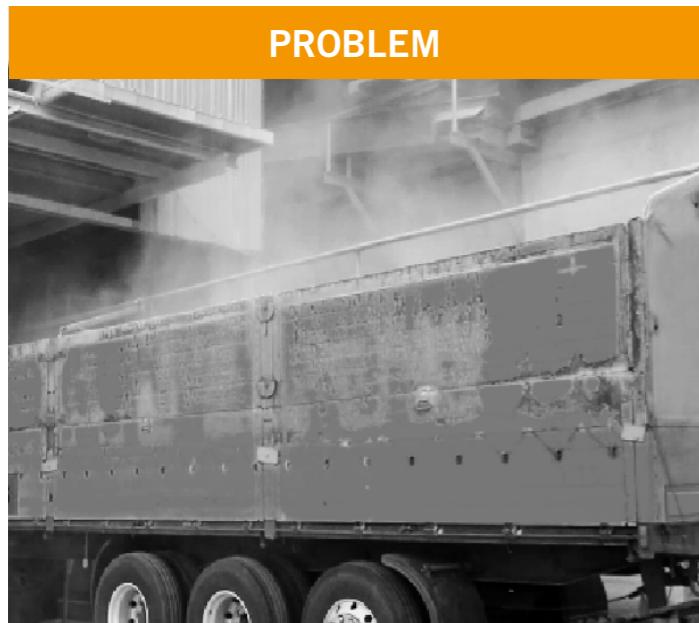
DS - DUST STOP

THE PATENTED HOPPER
THAT CONCENTRATES
AND STOPS DUST

DUST STOP HOPPER



THE PATENTED DS - DUST STOP HOPPER IS USED FOR ANY TYPE OF DUSTY LOAD, 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:

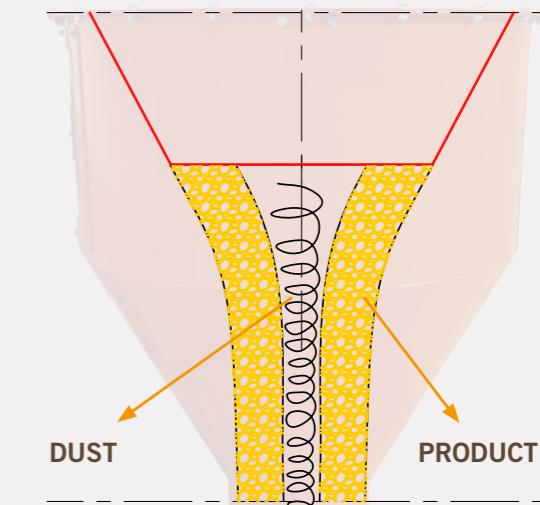
The patented hopper DS - DUST STOP is available in manual and automatic modes. Both of them consist of:
- a fixed structure part, which is connected through a flange to the product feeding entrance;
- an adjustable inner part which allows to generate the vortex during its operation.
In the automatic 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 m ³ /h | FULL WEIGHT kg | VOLUME lt | A mm | B mm | C mm | D mm | E mm |
|----------|-------------------------------|----------------------|--------------|---------|---------|---------|---------|---------|
| DS-A 40 | 45 | 60 | 50 | 590 | 150 | 460 | 200 | 200 |
| DS-M 40 | 45 | 60 | 50 | 590 | 150 | 460 | 200 | 200 |
| DS-A 60 | 128 | 160 | 164 | 835 | 195 | 660 | 250 | 250 |
| DS-M 60 | 128 | 160 | 164 | 835 | 195 | 660 | 250 | 250 |
| DS-A 75 | 256 | 250 | 260 | 950 | 280 | 820 | 300 | 300 |
| DS-M 75 | 256 | 250 | 260 | 950 | 280 | 820 | 300 | 300 |
| DS-A 100 | 385 | 700 | 738 | 1280 | 380 | 1155 | 400 | 400 |
| DS-M 100 | 385 | 700 | 738 | 1280 | 380 | 1155 | 400 | 400 |
| DS-A 150 | 641 | 950 | 1900 | 1725 | 450 | 1570 | 450 | 450 |
| DS-M 150 | 641 | 950 | 1900 | 1725 | 450 | 1570 | 450 | 450 |

NB: Capacities and full weight calculated with wheat specific weight 0,78 t/m³
- RH 14%. A versions are automatic, M versions are manual.
Models available with special applications.

Air consumption 6bar for the automatic version.
Power consumption 220V 50Hz. The greater the size of the product, the lower the concentration of dust.

