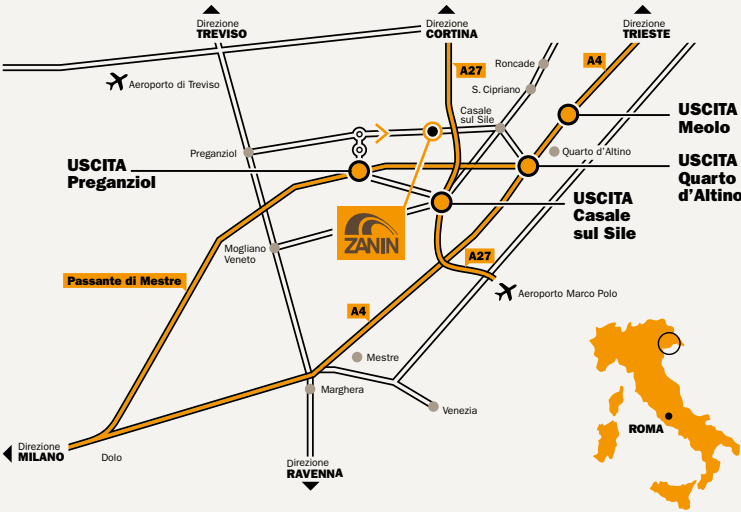
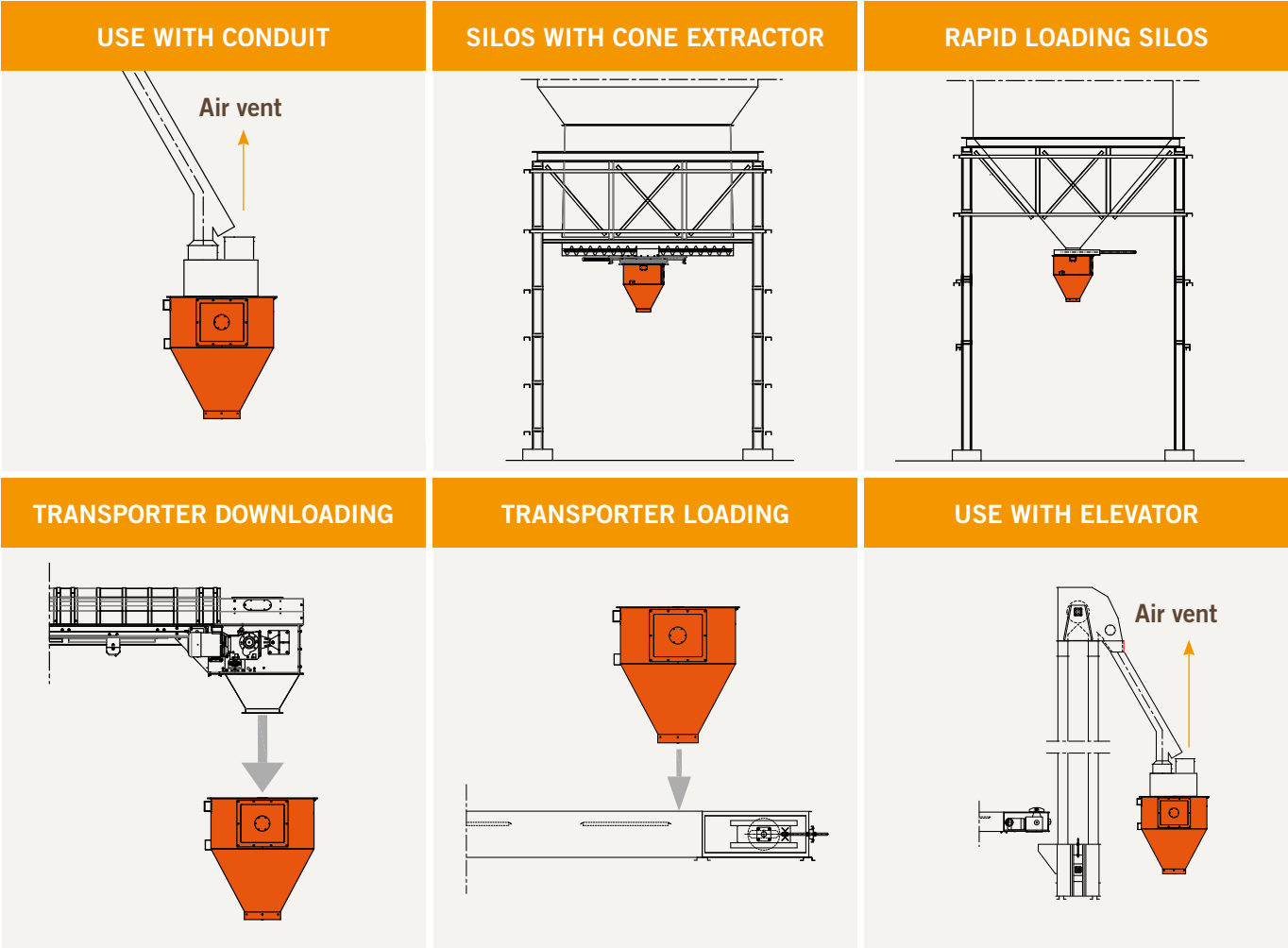


INSTALLATION

ZANIN DUST STOP



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



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Agro-industry



ZANIN s.r.l.
Viale delle Industrie, 1
31032 Casale sul Sile (TV)
Italy
T. +39 0422 785444
F. +39 0422 785805
www.zanin-italia.com

RESELLER

THE QUALITY
OF EXPERIENCE
ON INDUSTRIAL
SERVICE

DS - DUST STOP

THE PATENTED HOPPER
THAT CONCENTRATES
AND STOPS DUST



WHY HAVE
SO MUCH
DUST?

THE
SOLUTION!



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.

DUST

PRODUCT

DETAILS

01 Displacement pneumatic shutter for the hopper.

02 Automatic model, sensor details.

03 Electrical control panel for DS-A.

01

02

03

| MODEL | CAPACITY m³/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 |

A

B

C

D

E

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.