



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.

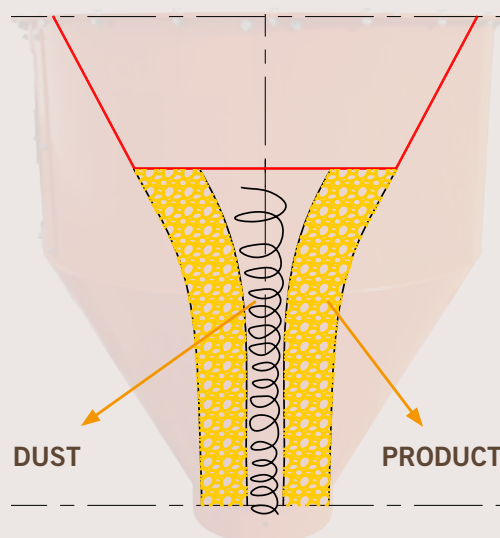
In the automatic version, the control system of the flow is moved and regulated by a sensor positioned on the cylinder.

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.

01



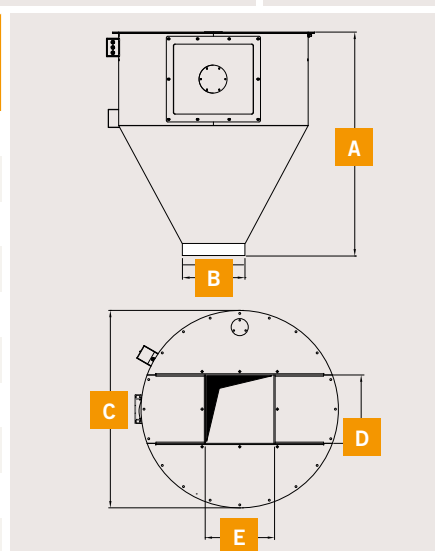
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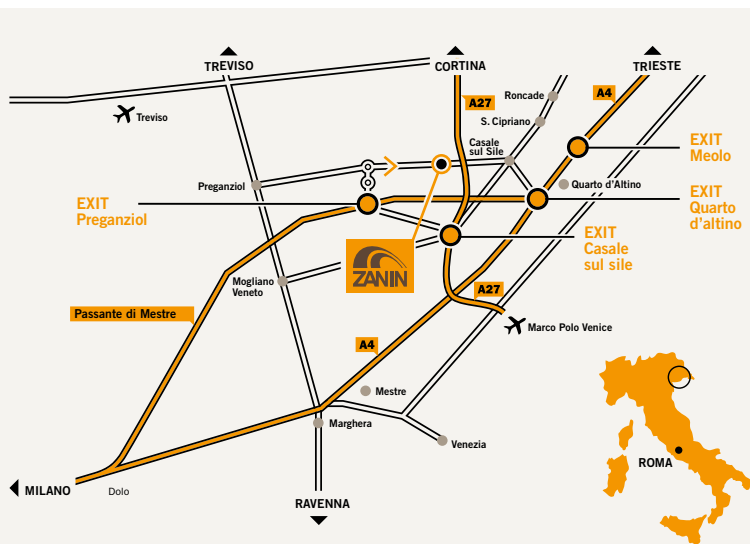
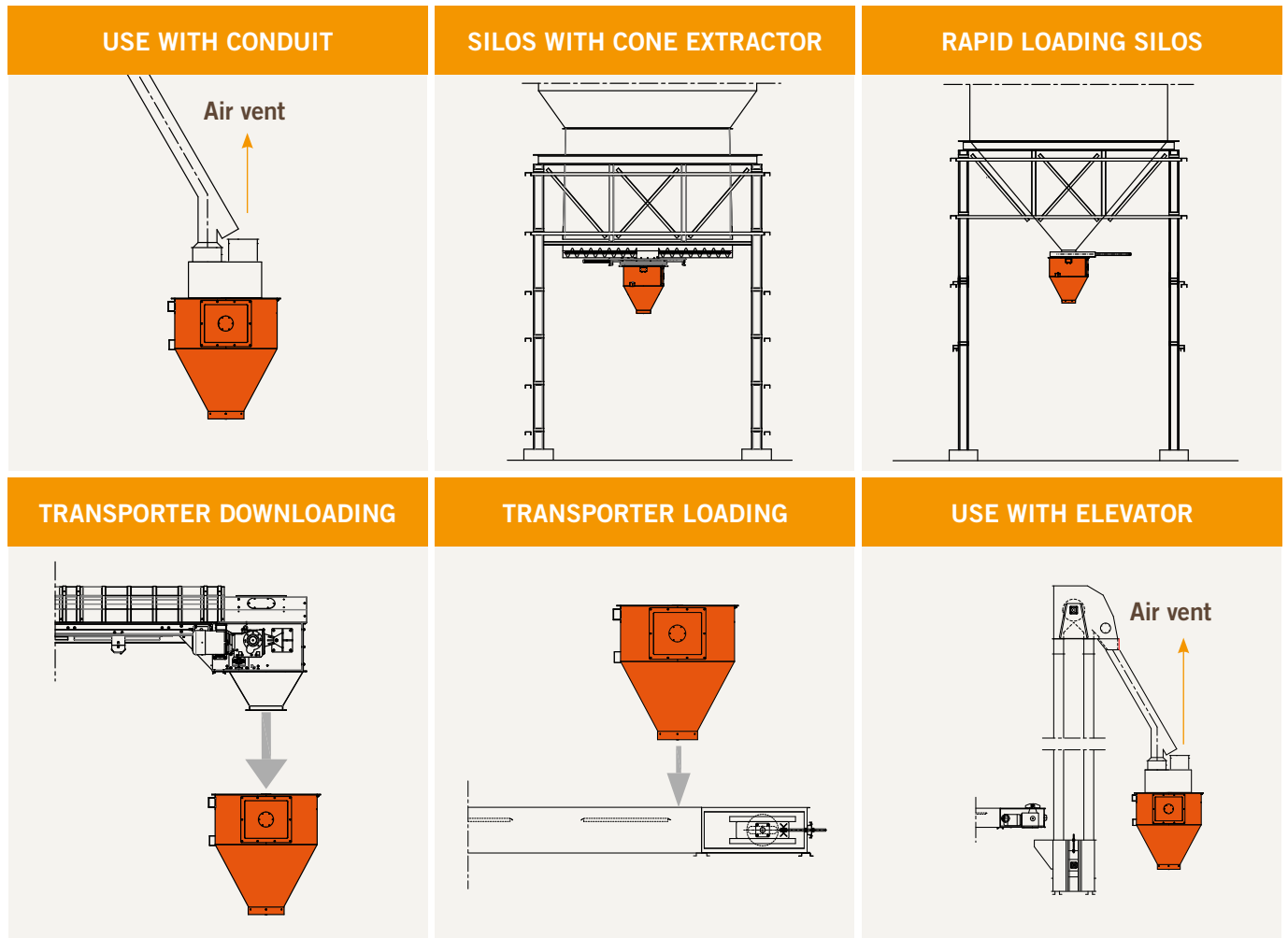


MODEL	CAPACITY m ³ /h	FULL WEIGHT kg	VOLUME lt	A mm	B mm	C mm	D mm	E mm
DS-A 40	45	60	50	590	150	460	200	200
DS-M 40	45	60	50	590	150	460	200	200
DS-A 60	128	160	164	835	255	660	250	250
DS-M 60	128	160	164	835	255	660	250	250
DS-A 75	256	250	260	950	280	820	300	300
DS-M 75	256	250	260	950	280	820	300	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	500	1570	450	450
DS-M 150	641	950	1900	1725	500	1570	450 <td 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.



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