

SIEVES SYSTEM



The sieve cleaning system allows for a precise cleaning process that is customized according to the type of product to be treated. Our sieves are built with special rubber spheres that allow an ever more efficient cleaning process.



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The perforated plates are available with holes of various sizes and shapes, according to the process of cleaning required. The choice of the hole type is carried out depending on the type of product to be treated.



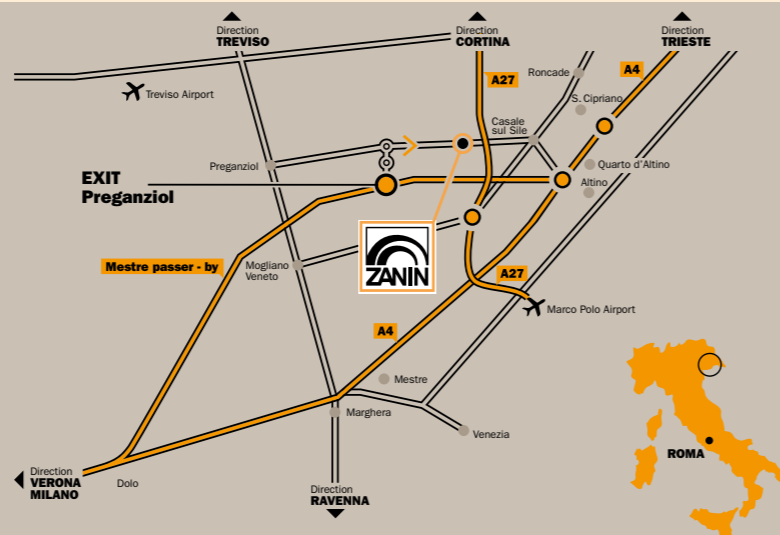
SOME TREATED PRODUCTS



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PSC CLEANER

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RESELLER



agro-industry



PSC CLEANER

The sieve cleaner allows to separate fine, medium and large impurities present in the product or calibrate with a double-pass system.

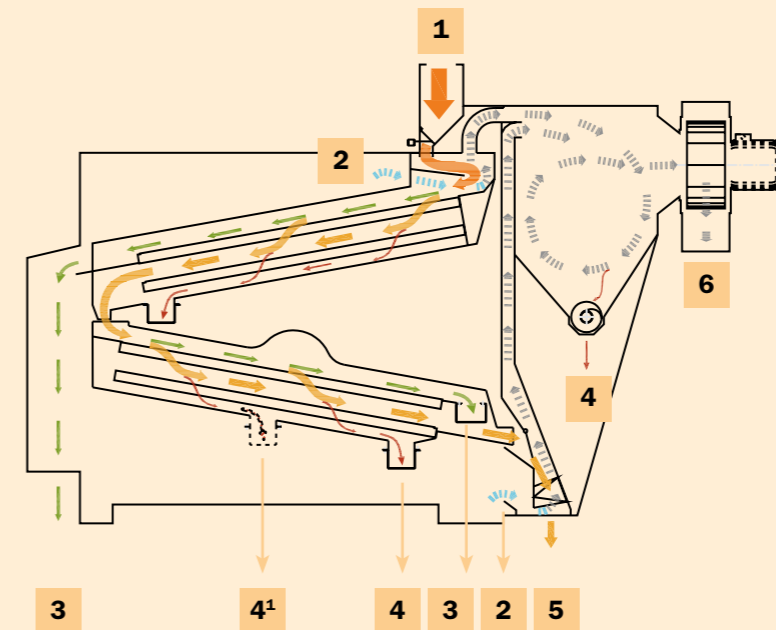


OPERATION:

Psc double pass cleaning system.

The product enters by way of gravity into a balance distributor with counterweights and is uniformly spread over the entire width. Subsequently it descends as an even curtain and encounters a cross air flow which removes the lighter parts (decanted by a cyclone or filter), and deposits part of the dust and heavier impurities in the decantation hopper, equipped with a reject discharge auger. The product, now clean from dust, enters the first case with two levels of perforated sieves. These separate

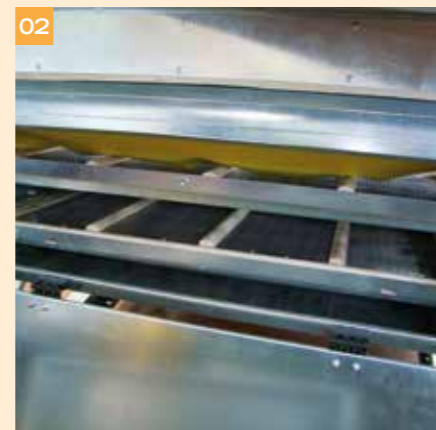
the product according to the perforation size. The product proceeds to the second case with two levels of perforated sieves. Again the product is separated according to the perforations. As it exits, the desired product is evenly spread over the entire width of the plane, and as it descends in a thin curtain it again encounters a cross air flow. This removes any remaining dust and impurities still present within the product. The cleaning and calibration system allows the separation of 7 types of waste and by-products.



- 1 Product with impurities inlet
- 2 Air inlet
- 3 Heavy rejects outlet
- 4 Light rejects outlet
- 4¹ Fine impurities outlet, optional
- 5 Clean product outlet
- 6 Air with dust

LAYOUT:

- Pressed and bolted support frame for large cases.
- Fairing on pressed galvanized sheets.
- Product hopper entry.
- Carbon steel sieves cases.
- Dust suction plug with vertical positioning.
- Manual lock gate for air flow control.
- Carbon steel sieve cases (frame and frameholder) with cautschuk balls.
- Sieve movements through connecting rod



- 01 - Sieve moving rod
- 02 - Sieve changing
- 03, 04 - Installation examples

MODEL

	PSC 10	PSC 15
Cleaning capacity - t/h *	30	45
Sieve surface - m ²	6	9
Sieve motor power - kW	2,2	2,2
Fan power - kW	4	7,5
Lenght - mm	3440	3650
Width - mm	1620	2150
Height - mm	3070	3280
Empty weight - kg	1100	1450

* capacity with wheat specific weight 0,78 t/m³ – RH 14% - 2% Impurities

OPTIONAL:

- Motorized roller distributor
- Motorized lock gates for air flow control
- Variable speed electric fan
- Antiwear sheet
- Switch board
- Vertical hopper for large impurities
- Inclined hopper for large impurities
- Collecting sector for by-products
- Support frame
- Bag placer

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