

PSC 5 CLEANER

The sieve cleaner separates fine, medium and large impurities present in the product or grades the product with a single or double-pass system.



CONSTRUCTION

- Pressed and bolted steel support frame for sieve cases
- Pressed galvanized sheet metal casing
- Product entry hopper
- Carbon steel sieve cases
- Carbon steel sieves with rubber balls
- Sieve movement through piston rods

DETAILS

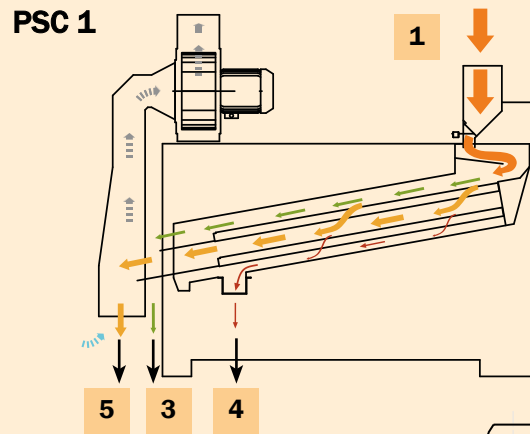
- 01 - Mod. PSC painted version
- 02, 03 - installation examples
- 04 - Mod. PSC 1



Operation, PSC 1:

One phase cleaning system.

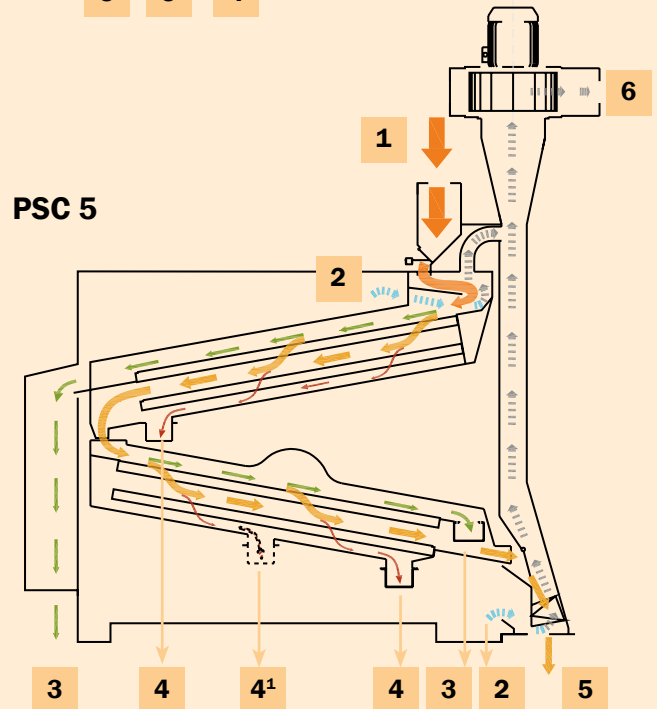
The product with impurities enters by way of gravity. The counterweight system allows uniform distribution of the product, which enters the sieve case which contains perforated screens installed to suit the particular treatment. The upper sieve divides the product from large impurities, the lower sieve divides the desired product from fine impurities.



Operation, PSC 5:

Two phase cleaning system.

The product with impurities enters by way of gravity. The counterweight system allows uniform distribution of the product which encounters a cross air flow to remove lighter particles. It then enters the sieve case which contains perforated screens installed to suit the particular treatment. The upper sieve divides the product from large impurities, the lower sieve divides the desired product from fine impurities. The same process then takes place in the lower sieve case. Before exiting the cleaner, the product is passed through decelerators where an air flow removes lighter particles. These are sent to a cyclone or alternatively to a filter.



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

OPTIONAL:

- Painted version
- Variable speed ventilator.
- Antiwear sheet.
- Switchboard.
- Vertical hopper for large impurities.
- Inclined hopper for large impurities.
- Stainless steel sieves
- Collection zone for by-products.
- Elevation frame
- Sack filling attachment

MODEL	PSC 1	PSC 5
Precleaning capacity - t/h *	8	12
Cleaning capacity - t/h *	4	8
Seed cleaning - t/h *	1	2
Sieve surface - m ²	1,5	3
Sieve motor power - kW	0,75	0,75
Fan power - kW	0,25	1,5
Length - mm	2130	2600
Width - mm	1000	1000
Height - mm	1350	2380
Empty weight - kg	250	420

* Capacity with wheat, specific weight 0,78 t/m³ – RH 14% - 2% Impurities. On PSC 5 model, sieves on single frame are installed.



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WARNING: INFORMATION IS NOT BINDING, PLEASE REFER TO THE TECHNICAL DOCUMENTATION
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