SLN

Sample cleaner
Sieve machine with sorting sieve

The ideal and most successful piece of equipment for seed breeding enterprises to ensure excellent cleaning of samples reliably and quickly. The cleaning process largely corresponds to that of a normal process cleaning machine.
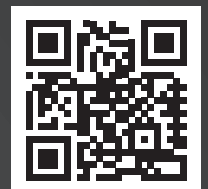
Your benefits summed up:

- Fully automated cleaning
- With de-awner and aspiration
- Quick sieve change
- Additional sorting sieve for sorting of shriveled and small grain
- Sorting sieve systems with cleaning balls

Technical data

	SLN3	SLN4
Number of sieves	3	4
Voltage	230 V, 50 Hz / 115 V, 60 Hz	
Power	0,37 kW	
Weight	85 kg	

We reserve the right to make technical modifications.

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Application area

Enables the post-cleaning of threshing samples for all seed types (for sample volumes of approx. 1 kg) to achieve the required purity for laboratory analyses or planting. A multi-stage cleaning process ensures precise and gentle cleaning with very quiet and vibration-free operation. The device boasts easy access to all operating elements and short changeover times.

Function

Add the sample and start the cleaning process. If necessary, the sample is de-awned for a preselected time. The de-awner then opens automatically and the sample falls through the aspiration chamber. Lightweight dirt is extracted by the aspiration and deposited in the dust bag by the cyclone. The sample runs over the straw sieve, which removes bigger impurities and then runs over the sand sieve. Sand and small impurities fall through the sand sieve. The sample is finally guided over the sorting sieve (model SLN4 = 2 sorting sieves). Rubber balls prevent the sorting sieve from clogging. The impurities run into the side collection pan. The shriveled and small grain is collected in the left-hand tray and the cleaned seeds in the right-hand tray.