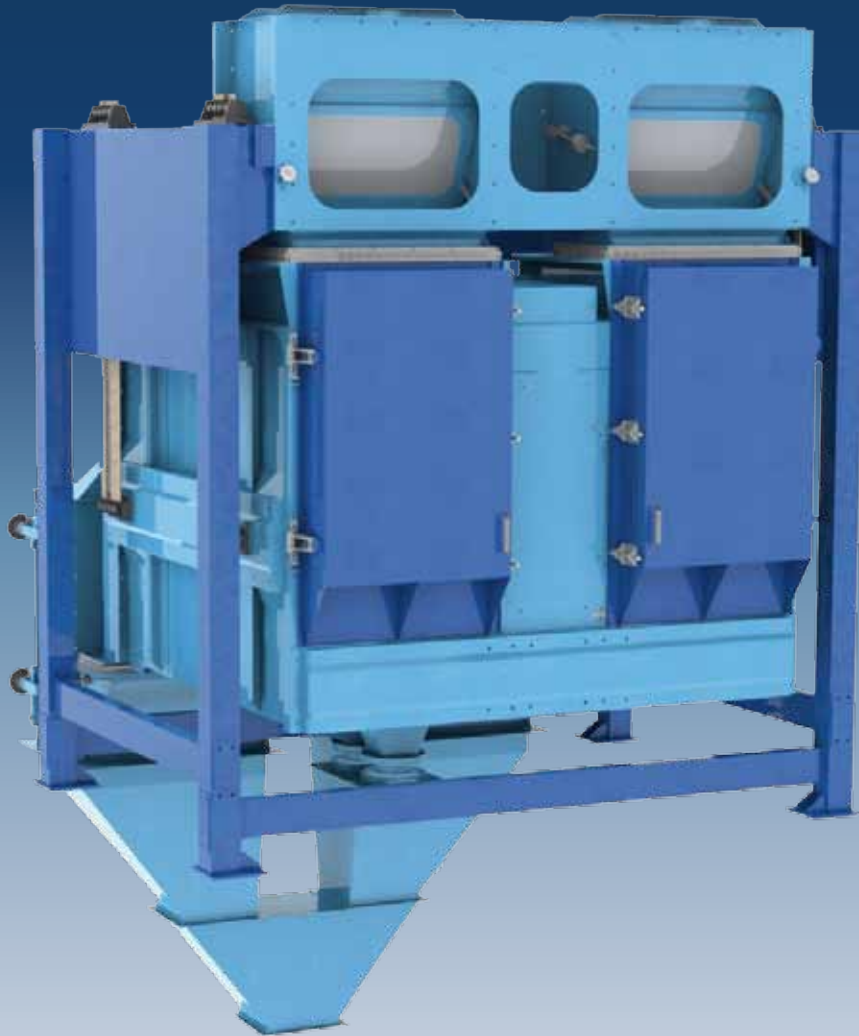


Cleaner-Separator SNST



The operating principle of the SNST is simple and effective, the seed or other product comes by a repartitor device on the total width of the first screen. The efficacy of the screening is increased in important proportions by weighed rubber balls to insure the cleaning of the whole working surface, without the wear of the grids.

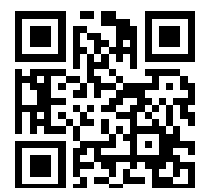
The cleaning pipe is an efficient, complete and immediate extraction and recovery of light parts: shells, hollow grain, light grain, broken kernels due to a counter-current air flow through grains falling onto a convex ramp called flow diverter.

With a mettalic conception from a recent design, that cleaner, grader, separator conciliate the most reliable technics available for that process.

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Cleaner-Separator SNST

Features and options

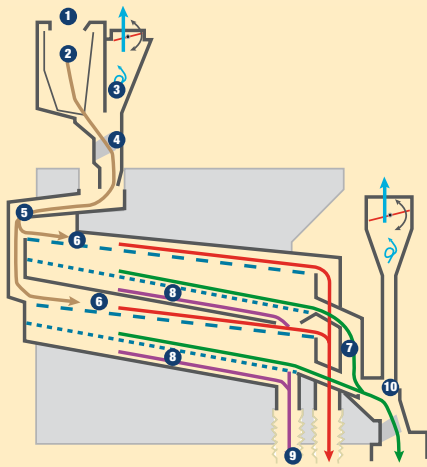
Features

- Fonctionnement continu et sans à-coups
- Caisson suspendu avec mouvement circulaire pour assurer un meilleur rendement
- Tamis calibreurs et émotteurs (le nombre varie en fonction du modèle de la machine)
- Coarse surface at 9°
- Screening surface at 12°
- Boules de dégommage lestées
- Enging power: 0.75 to 7.5 kW

Options

- Rotary feeder with air dust aspiration (DR)
- Cleaning pipe

Operating principle



The product introduced by the entry **1**, falls into a trough from distribution **2** balanced by counterweight, then slips in tablecloth into an aspiration duct **3** equipped with coyaux **4**. The module of sifting is subjected to a circular motion. It includes a compartment of distribution followed by two levels of sifting. The product pass through a device of distribution to two level **5** which supplies the sieves tilted clod-crushers with 9°. **6**

The refusal are directed downwards and evacuated by the exit **7**. The product falls then on the sieves tilted clod-crushers **8** to 12°, to be collected towards the launch of the good product.

The fine impurities having crossed the sieves are collected by the funds pick-ups and are channelled towards the exit of the screenings **9**. The exit of the sifter feeds in tablecloth, the entry of the pipe of purification. The product slips under the **10** valve towards the aspiration duct.



SNST 550

Rotary feeder with air (DR)

Placed at the inlet point of the machine, this equipment spreads out the seeds in a uniform layer.

Equipped with an air inlet towards a fan, this channel allows the product to undergo an initial vacuum process to remove fine particles at the head of the product flow by using a counter-current air flow passing through the grains as they fall onto a ramp of curved metal profiles.

These panels give access to a hopper and air inlet section adjustment.

| Type | Usual reached capacities | | | | | | | Sieve surface |
|-----------|--------------------------|-----------------|----------------|---------------|----------------|----------------|--------|-------------------|
| | Wheat | Drycorn | Barley | Sunflower | Rapeseed | Soybean | Cocoa | |
| | PS 0.75 H14% | PS 0.75 H15% | PS 0.7 H12% | PS0.4 H12% | PS 0.6 H12% | PS 0.7 H12% | | |
| SNST 550 | 50 t/h | 40 t/h | 40 t/h | 21 t/h | 27 t/h | 28 t/h | 14 t/h | 4 m ² |
| SNST 1150 | 100 t/h | 80 t/h | 80 t/h | 42 t/h | 54 t/h | 56 t/h | 28 t/h | 8 m ² |
| SNST 2150 | 200 t/h | 160 t/h | 160 t/h | 84 t/h | 108 t/h | 113 t/h | 56 t/h | 16 m ² |
| SNST 3150 | 300 t/h | 240 t/h | 240 t/h | 126 t/h | 162 t/h | 170 t/h | 84 t/h | 24 m ² |
| SNST 4150 | 400 t/h | 320 t/h | 320 t/h | 168 t/h | 216 t/h | 227 t/h | 112t/h | 32 m ² |

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