

PRE-CLEANER

SI-50 / -60 / -70

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Photo shows machine with straw drum.

The SI pre-cleaner is first and foremost designed to master jobs at intake plants.

The machine is ideally suited to dress malting barley and milling grain to the highest quality commercial sample at a reduced throughput.

For capacity and all other specific information see the back page.

The SI pre-cleaner offers the below basic features:

- Feeding section in construction with feed roll and straw drum Ø550 mm.
- Aspiration chamber with screw.
- Screen section consisting of two parallel working sieveboats each receiving 50% of the incoming material.

- Each sieveboat has 1 scalping screen layer and 1 grading/sand screen layer. Each screen layer consists of 2 screen segments.
- All screen segments are rubber ball cleaned.
- Outlet for removed product is on the right-hand side of the machine.
- The machine has common fixed drive of feed roll, sieveboats, and screw.
- Incl. valve pipe for mounting fan

The machine is of steel construction with sieveboat of laminated wood.

Options:

- *Straw drum, dia. 800 mm, with wire mesh (instead of inlet with straw drum Ø550 mm.).*
- *Inlet with feed roll*
- *Variable drive of sieveboats.*
- *Fan.*

EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

PRE-CLEANER SI-50 / -60 / -70

TECHNICAL SPECIFICATIONS:

	SI-50	SI-60	SI-70
Motor, fan [option] kW	5.50	7.50	7.50
Motor, sieveboats kW	1.50	2.20	2.20
Screen size L=1000 mm x W	1000	1250	1500
Screen area m ²	8	10	12
Capacity t/h [wheat]	50	60	75
Capacity t/h [malting barley]	8	11	13

Pre-cleaning capacity: guideline based on wheat with max. moisture content of 18%.

DISTINGUISHING ADVANTAGES:

- Feeding section ensuring an even spread of product over the full working width of the machine
- Highly efficient air system ensuring a uniform aspiration and a good separation of the product
- Easily accessible calibrated controls for quick and reliable adjustments
- Easily accessible screens with superior cleaning system
- Sieveboat suspended with fibreglass springs giving a smooth and safe operation due to the centrally located eccentric shaft
- Variable speed drive for screens [optional] to enable cleaning of a wide variety of products; e.g. particularly useful when dressing malting barley.
- Long double air separation channel across the full width of the cleaner with perfectly balanced and very precise air control giving a very accurate extraction of dust etc. as the product exits the machine.
- Easy clean-down when changing from one product to another
- In right or left hand construction to suit individual plant layouts
- Low maintenance costs

