



# S.A.R.A

## AUTOMATIC SYSTEM FOR RECEPTION AND ANALYSIS

*Trade your grain at the right price*



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## Automatic System for Reception and Analysis

S.A.R.A. is a fully automated system for the reception and redistribution of the incoming grain sample. It will help you controlling the process of quality management from the sample intake right down to the possible data transfer from the analyzer devices to your IT system with an appropriate software (optional).

Linear drive S.A.R.A.

Can reach a virtually unlimited number of analyzer devices.

Meets highest demands. Big time saver.



Cut down testing time and increase the accuracy of your results.

S.A.R.A. adapts to your needs and your premises.

### Principle of operation: (an example)

- Sample arrival in the cyclone receiver attached to a mobile (rotating or translating) distributor carriage
- Automatic determination of the required grain level
- Homogenization by a blending auger
- Distribution over the desired processing stations, such as:
  - Grain cleaner
  - Analyzer appliances
  - Sample collecting container
  - Bagging machine
  - Surplus material recirculation hopper
- Can be designed to process raw grain as well as cleaned grain



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