

Grain Cleaner

Clean Grain: More Quality and Value

An efficient grain-cleaning process is essential to the final quality of your production. That is why the GSI GRAIN CLEANER was designed to be highly efficient, durable and economical, meeting the needs of its customers. The post-harvest process is decisive for your profitability, so choose GSI's world-leading technology and achieve the best results.





IT HAS TO BE STRONG, ECONOMICAL AND EFFICIENT. IT HAS TO BE GSI.

- ▶ Maintaining the quality of grain coming from the field is essential for achieving better performance. That is why the GSI GRAIN CLEANER was designed with the experience of the world's leading storage systems brand, offering the best performance for any type of grain.
- ▶ Designed to be economical, lightweight, strong and durable, while operating with high productivity and efficiency, GRAIN CLEANER cleaning and pre-cleaning machines separate impurities from all types of cereals, improving the results of subsequent processes such as drying, storage and grain handling.
- ▶ The equipment's metal construction ensures greater durability and safety for operators.
- ▶ Combined with GSI's high-performance drying, conveying and storage systems, the GRAIN CLEANER provides even greater benefits to grain producers, as the entire system can be sized and optimised according to specific requirements.

TRUST WORLD-LEADING TECHNOLOGY. INVEST IN QUALITY AND VALUE SO THAT YOUR PRODUCTION GENERATES GREATER PROFITABILITY.

GENERAL FEATURES

- ▶ Cleaning is carried out using an air system and a set of screens/sieves.
- ▶ A flow regulator, located at the top of the machine, ensures uniform distribution of the product throughout the equipment.
- ▶ Impurities are removed in stages. Different levels of screens/sieves remove the impurities and direct them to the bagging chutes located alongside the machine.
- ▶ The screens/sieves are easy to change, allowing for quick machine adjustment.

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TECHNICAL INFORMATION

The stated nominal capacities of the machines depend on the incoming grain conditions, including moisture content, grain type and the degree of impurities present.

For reference purposes, the following conditions are considered for the nominal capacity:

Pre-Cleaning

The nominal capacity of the pre-cleaning machines refers to cereal with a specific weight of 0.75 t/m³ (soybeans) and moisture content of up to 18%, considering a reduction in impurities from 4% to 2%.

Cleaning

The nominal capacity of the cleaning machines also refers to cereal with a specific weight of 0.75 t/m³ (soybeans) and moisture content of up to 13%, considering a reduction in impurities from 2% to 1%.

Model	Capacities		Dimensions		
	Cleaning Capacity	Pre-cleaning Capacity	A (m)	B (m)	C (m)
MLC30	30t/h (500sc/h)	40t/h (660sc/h)	11,30	3,40	6,50
MLC50	50t/h (830sc/h)	70t/h (1160sc/h)	11,30	3,80	6,50
MLC80	80t/h (1330sc/h)	120t/h (2000sc/h)	12,10	3,50	6,80
MLC130	130t/h (2160sc/h)	180t/h (3000sc/h)	12,10	3,80	6,80
MLC170	170t/h (2830sc/h)	240t/h (4000sc/h)	13,10	3,80	6,90

Notes

Capacities are indicated in tonnes per hour (t/h) and 60 kg bags per hour.

For rice, the stated nominal capacities are reduced by 30%.

For beans, the stated nominal capacities are reduced by 15%.