

KDC 5000

Grain Cleaner

Efficient Screen-Based Separation for Cleaner, Higher-Value Grain

Why Clean Grain Matters

Clean grain plays a critical role in maintaining crop quality and maximizing profitability. By removing impurities such as weed seeds, broken kernels, dust, and sand, farmers can reduce the risk of toxins, improve storage stability, and enhance the overall market value of their harvest. Clean grain also contributes to better processing efficiency and supports compliance with quality standards across the supply chain.

The KDC 5000

The KDC 5000 is the newest addition to the renowned KDC grain cleaner line, built on the trusted foundation of the KDC 4000 PLUS. The KDC 5000 is a dual screen drum cleaner, without the integrated aspirator found in the KDC PLUS models. It delivers the same reliable performance in a simplified design, ideal for grain producers looking for straightforward mechanical cleaning based on size.

Robust Dual-Screen Technology

At its core, the KDC 5000 uses Kongskilde's proven dual-screen drum system:

- The inner screen scalps oversized impurities such as husks and large debris.
- The outer screen filters out smaller particles and fines, ensuring clean, high-quality grain.

Our wide variety of existing screen options from the KDC 4000 PLUS are fully compatible with the KDC 5000, providing flexibility across different crops and regional requirements.

Benefits

- **Two-layer size separation** – Two layers of screens sort grain by size for maximum cleanliness.
- **Screen options for all crops** – Choose from a wide range of sizes for wheat, corn, barley, soybeans, and more.
- **Quick-release screen system** – Fast screen changes with no special tools required.
- **Hinged access doors** – Full access to both screens from either side for easy inspection and maintenance.
- **Weather-resistant design** – Galvanized steel body and stainless-steel wear areas for outdoor use.
- **Optional bottom auger** – Add for controlled discharge and easy transport of debris away from the machine.
- **Optional aspirator compatibility** – Easily integrate with Kongskilde KF and FRL aspirators to enhance cleaning performance and adapt to future needs.

Accessories

- Optional bottom auger kit.
- Large assortment of standard screens for a wide variety of crops.
- Outer screen cleaning brush kit.
- Rain cover for motors and gear boxes.
- Wheel set for short distance transport.

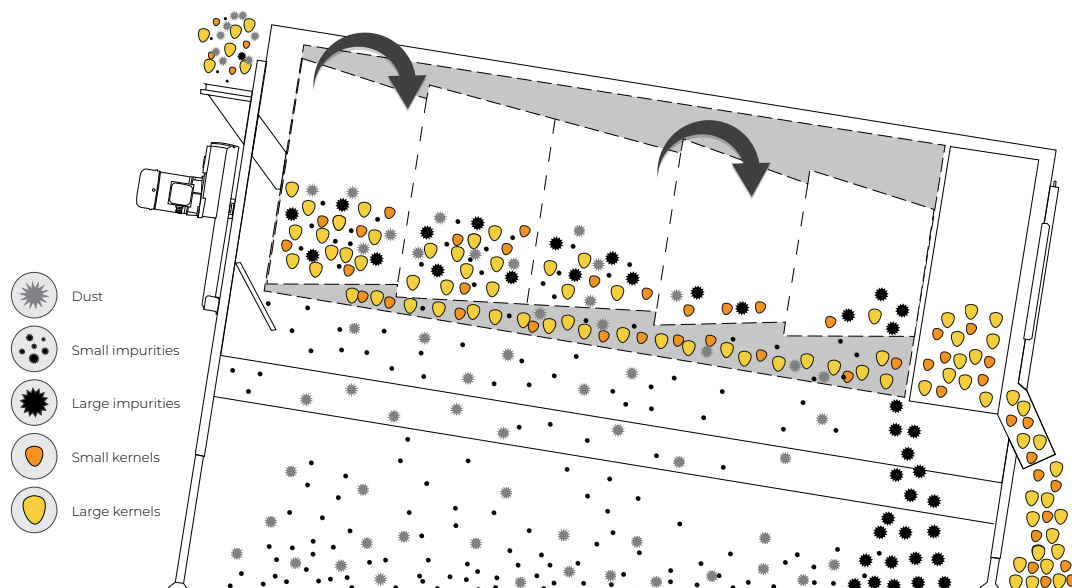


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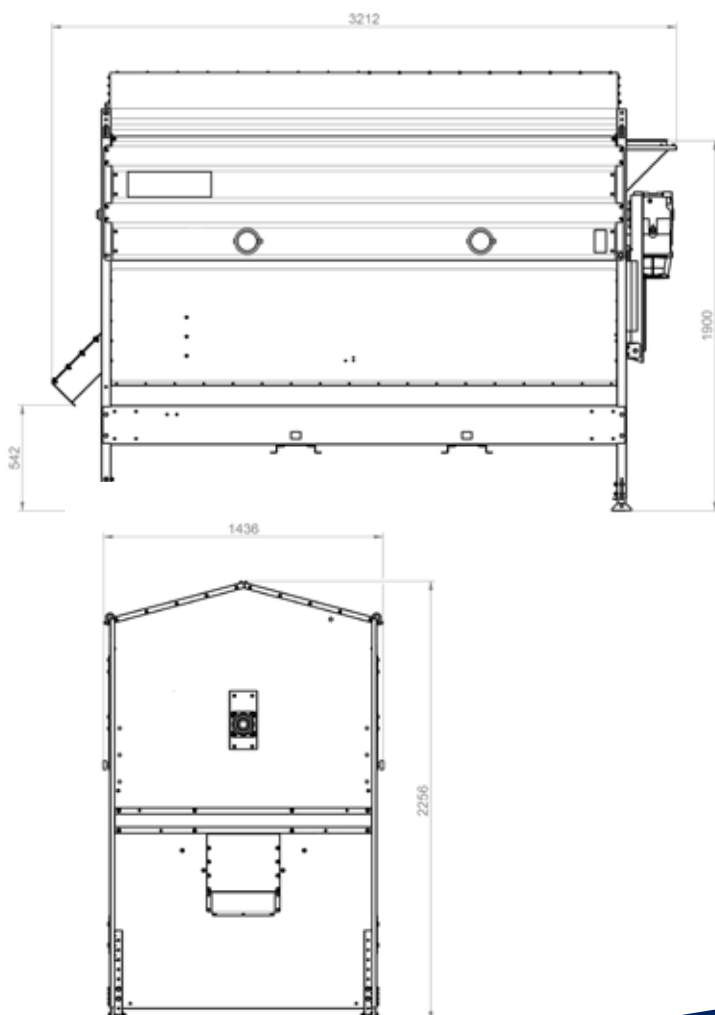
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How it works

The KDC 5000 is a dual-screen drum cleaner that efficiently sorts grain by size. The inner screen serves as a scalper to remove large particles, while the full outer screen area removes smaller fines to ensure clean, high-quality grain.



Dimensions



Technical specifications	KDC 5000
Max. capacity pre-cleaning, t/h*	50
App. capacity seed cleaning, t/h*	3 - 17
App. capacity malting barley, t/h*	3 - 17
Screen drum drive motor size, kW	1.5
Screen drum RPM	21.9
Control panel power supply (50 Hz)	3 x 400 V / Rated 6.0 A
Inlet for crop	OK 200
Outlet for cleaned crop	458.3 cm ² / OK 200
Outlet for impurities, no bottom auger	2605 x 135 mm
Conveying pipes for impurities	N/A
Screen area. Inner drum, m ²	4.1
Screen area. Outer drum, m ²	6.5
Weight. machine without screens, kg	800
Built-in aspirator	No
Optional Equipment	
Pipe outlet from auger	OK 160
Auger drive motor size, kW	0.75
Auger drive motor RPM	3000
Auger drive RPM	450

* Grain 700 kg/m³. Capacity affected by grain type and condition, moisture, impurities, angling of KDC, selection of screens

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