

DATA SHEET

Destoner Model SDZ/CF-2S



The Destoner is an common component of a grain, seed or bean cleaning process plant. Extensively used in the milling industry, the SDZ/CF-2S Destoner was developed to separate small impurities that are similar in size, but heavier than the grain.

During the harvesting process, impurities such as dirt, sand, stones, weeds, straw and other foreign objects may become mixed in with the harvested grain. These impurities can usually be removed by our FMC Grain Cleaner provided they are significantly larger, smaller or lighter than the original grain.

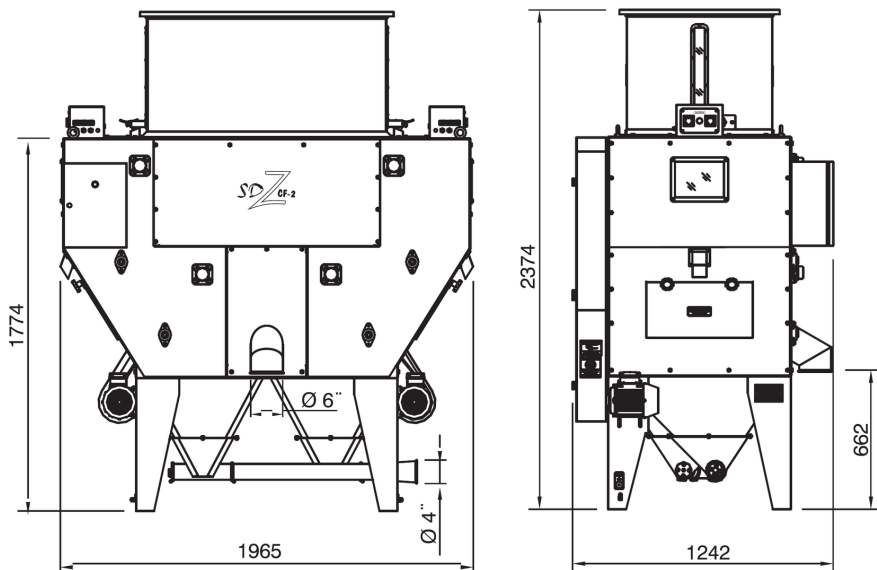
If the impurities are of a similar size but heavier than the grain, (kernels, stones or fragments of glass or metal), these can be effectively removed by the Destoner.

The Destoner uses the principle of separation by virtue of weight or specific density. The machine uses vibration and air flow to separate impurities from the product. As the Destoner vibrates, the heavier particles (stones) stay in contact with the incline screen and separate by screen vibration and air flow. The impurities collect on one side of the machine and clean product is collected at the outlet point.

The Destoner is a compact stand-alone machine with built-in fans, that does not require large receiving cyclones.

Features include:

- Level sensors ensure constant flow
- Energy efficient with automatic stop
- Timers control the separation time and discharge of impurities
- Fitted with stainless steel screens
- Adjustable screen level and inclination
- Fitted with inspection windows
- Product sample collector at the outlet point
- Connection point for dust suction
- Spare parts easily available
- Supplied with electric motor control panel



Dimension (mm)

Capacity: 6 - 8 tonnes per hour

Products: Maize, wheat, soya beans, sugar beans

Capacities of up to 14t/h for rice

**Capacities are indicative only. Consult with our design office for more detail.*