Degerminator

DKMA

SCOPE OF USE

Degerminator is designed for the germ extraction process in maize (corn) milling, in order to eliminate the germ and bran from the low fat content endosperm.

It is generally used in the processing of ultra-refined maize flour, brewery and flaking maize grits and other refined maize products.

APPLICATION FIELDS

- Maize Mills

FEATURES & ADVANTAGES

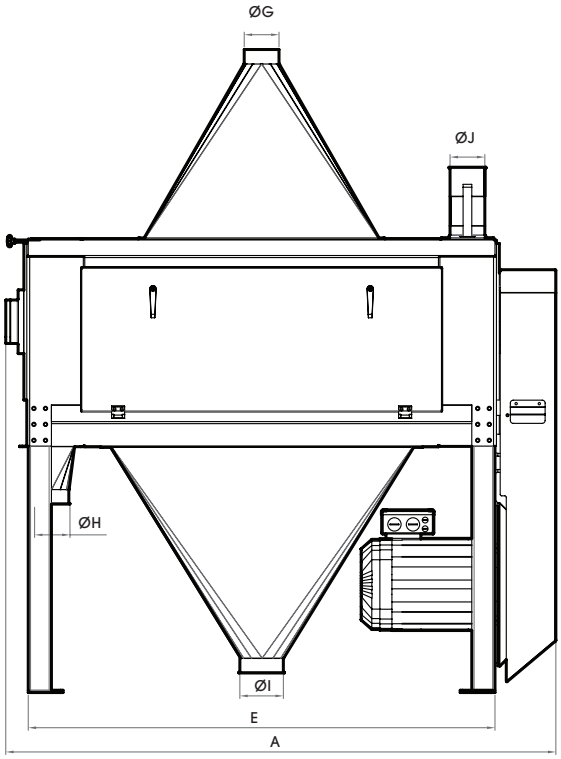
- Maximum Efficiency
- Consistent Product Quality
- Robust Design
- Easy Maintenance
- Low Energy Consumption

WORKING PRINCIPLE

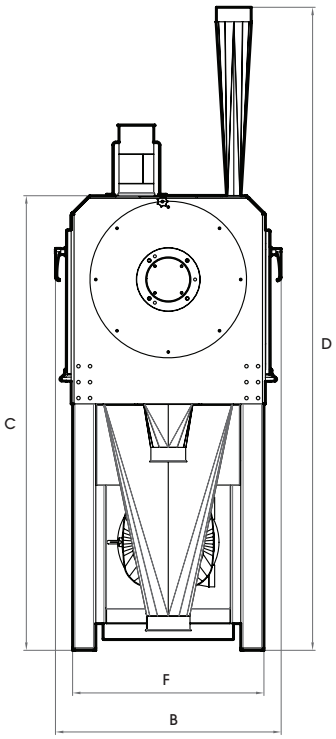
Maize either dry or after dampening, is fed into the degerminator from the top inlet. Then it is transferred to the processing part which consists of a horizontal rotor and steel plates inside a cylindrical metal sieve jacket. The maize is broken by intensive pushing and rubbing action while passing through those rotor fitted plates. Then the germ is separated and forced to move out of the perforations of surrounding sieve jacket, and collected at the outlet chamber.
The unit is connected to the central aspiration system where light particles are also collected, while by-products (germ, bran, etc.) are transferred to the related sifting passage for classification.

The degerminator has the setting opportunity for different final product proportion and specifications.

FRONT VIEW



SIDE VIEW



TECHNICAL FEATURES

Model	Capacity* (Maize) (t/h)	Motor Power (kW)	Weight (kg)		Gross Volume (m^3)
			Net	Gross	
DKMA 4512	3.5 - 5.4	7.5 - 11	580	800	5

DIMENSIONS (mm)

Model	A	B	C	D	E	F	ØG	ØH	ØI	ØJ
DKMA 4512	1900	820	1590	2020	1610	660	120	150	150	150

*Capacity figures may vary depending on the type and condition of the material.

Alapala

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