

Sesame Hulling Mechanism

Akyurek Technology



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Sesame Peeler/Hulling System

Akyurek Technology Sesame peeler SP-4000/Sesame hulling system works with six cylinders. It has around 2.2 tons per hour and efficient friction type dehulling units applicable for processing all kinds and types of Sesame seed peeling. Hulling line works with cleaning products, so the cleaning line should be included in the hulling line as a first stage.

White Sesame hulling like Gadarif Sesame, Non-Gadarif sesame, Nigeria, Ethiopia, and others are more accessible than the others like red sesame. No chemical or salt is used during the sesame peeling process to whiten the sesame so that the colour of the sesame is more natural and distinctive, unlike

pure white chemicals added. The high-quality end product is obtained without modifying sesame's natural properties,

with improved peeling systems via innovative technology.

The peeling system is made of three cylinders. For optimum and high yield peeling process, the first cylinder continually mixes the seeds with water and is homogeneous.

For the peeling process, the second cylinder creates friction between the seeds.

The third cylinder continues the friction process with the same friction technique, so an optimum and high-quality result is obtained with process repeat. Regulation of input parameters controls via onboard PLC Panel.



Sesame Peeler

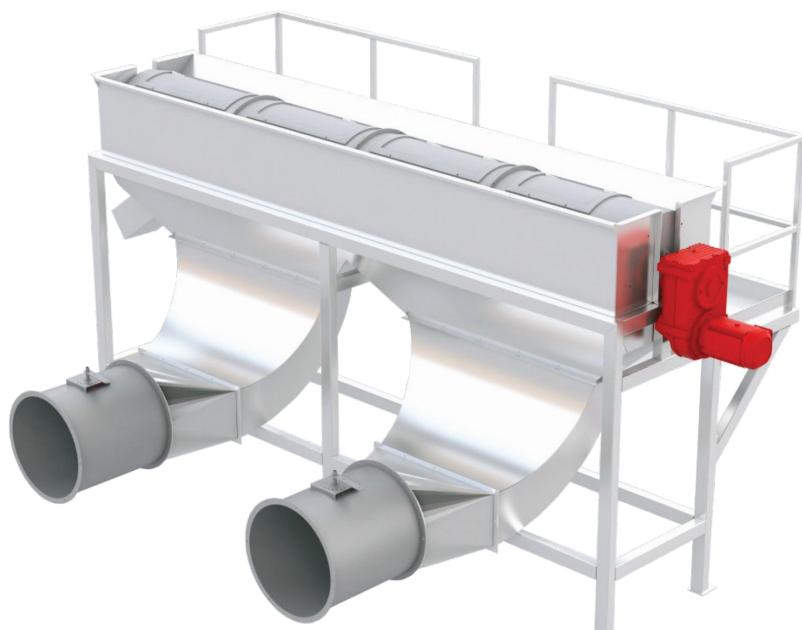
Seed Brush Cleaner

Applications of Seed Brusher:

- Removing the black dots on the seed's nose caused by sesame seeds
- For semi-hulled sesame, continue the hulling procedure
- In the dryer, cool the previously treated product to room temperature
- Removing hull that has become loose during the drying or roasting process.

Technical Data	
Width	2860 mm
Length	4370 mm
Height	2420 mm
Weight	1430 Kg
Cylindrical Screen Diameter	630 mm
Cylindrical Screen Length	4000 mm
Motor	3kW
Air Requirement	20000 m3
Material	AISI304
Capacity	1500 Kg/h

Seed Brush Cleaner



Profile

Akyurek Technology Mersin – Turkey seed processing and conditioning equipment manufacturing company has been working in the seed industry since 1973 and is serving more than 90 countries starting from Bolivia, Peru, the US to Malaysia, the Middle East, Africa, and Europe, and Central Asia destinations. We have been installed and have already been working in more than 50 factories in ETHIOPIA. Most of the European customers are using Akyurek Machinery.

For more information, please visit our website: <https://www.akyurekltd.com/en/index.htm>

Akyurek Technology Catalogue from A to Z
<https://www.akyurekltd.com/catalog/genel.pdf>