SHELLING SYSTEMS

SELECTOR 1000 – FIVE-CYLINDER SHELLING MACHINE




Almonds


Hazelnuts


Pistachios


Plum Stones


Argan Nuts

EFFICIENCY, PRECISION AND QUALITY

The system is designed to provide a complete shelling and separation process for the products being processed, combining productivity, versatility and precision throughout the various processing stages. The shelling machine is equipped with a loading hopper of approximately 3.5 m³ and five cylinders, each fitted with five adjustable shell-breaking bars. Each cylinder has a processing capacity ranging from 200 to 450 kg/h, depending on the type of product. The first four cylinders are used for production, while the fifth automatically handles products requiring a second pass because they have not been completely shelled. The processed material is automatically conveyed to the fluid-pneumatic separator, where the shelled product, shells and residues are progressively separated.
The three-screen system removes impurities and fragments of different sizes, while cyclone suction removes the lighter shells. Final separation takes place on a continuous-flow inclined deck equipped with fans that can be adjusted independently by means of inverters. The combination of airflow and oscillation effectively separates almonds from similarly sized shells, improving the cleanliness of the final product. Robust structures, adjustment systems and mechanised product transfer make the plant a reliable and versatile solution, ensuring efficiency and precision throughout the various processing stages.

One integrated system for shelling and separation.

Watch the video

IT – FR – ES versions

SELECTOR 1000
FIVE-CYLINDER SHELLING MACHINE

DESCRIPTION AND TECHNICAL DATA

The **SELECTOR 1000** system consists of three interconnected units, each dedicated to a specific stage of the shelling process.

SYSTEM SPECIFICATIONS

Required floor space: 70 m^2

Overall dimensions: 400x1.700x380 cm

Power consumption: 28 KW

Weight: kg 4.000 (shelling machine) + kg 2.400 (main separator) + kg 1.700 (reprocessing separator)

Processing capacity: 1.000/1.500 kg/h of in-shell product

Products processed: almonds, hazelnuts, argan nuts, plum stones, pistachios



SELECTOR 1000

Dimensions: 900x360x200 cm

Power consumption: 24 KW

Weight: 2.400 kg (main separator) + kg 1.700 (reprocessing separator)

Processing capacity: 1,500 kg/h of in-shell product

Products processed: almonds, hazelnuts, argan nuts, plum stones, pistachios



FIVE-CYLINDER SHELLING MACHINE

Dimensions: 400x260x380 cm

Power consumption: 4 Kw

Weight: 4.000 Kg

Hopper capacity: 3,5 m^3

Processing capacity: 1,000–1,500 kg/h of in-shell product

Products processed: almonds, hazelnuts, argan nuts, plumstones, pistachios



FIVE-OUTLET GRADER

Dimensions: 200x70x130 cm

Power consumption: 0,75 Kw

Weight: 400 kg

Screens: Interchangeable

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