SHELLING SYSTEMS

SELECTOR 500 COMPACT




Almonds


Hazelnuts


Pistachios


Plum Stones


Argan Nuts

EFFICIENCY, PRECISION AND QUALITY

The system is designed to provide a complete shelling and separation process for different products, combining productivity, versatility and precision throughout the various processing stages.
The shelling machine is equipped with a loading hopper with a capacity of approximately 1 m³ and a cylinder fitted with five adjustable shell-breaking bars. The ability to adjust both the bars and the clearance of the screens during operation allows the machine to adapt to the different characteristics of the products being processed, optimizing shelling performance.
The indicative processing capacity ranges from 300 to 450 kg/h, depending on the type of product.
The processed material is automatically transferred to the airflow-based pneumatic separator, where the shelled product is progressively separated from shells and residues.
The three-screen sieve performs the initial separation of large shell fragments, dust and any product requiring reprocessing, while the cyclone suction system removes lighter shell fragments.
Final separation takes place on a continuously operating inclined deck, equipped with fans that can be independently adjusted via inverters.
The combined action of airflow and oscillation effectively separates the kernels from similarly sized shell fragments, improving the cleanliness of the final product.
The robust construction, adjustable systems and mechanized 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 500 COMPACT

DESCRIPTION AND TECHNICAL SPECIFICATIONS

The **SELECTOR 500 COMPACT** system consists of two interconnected operating units, dedicated respectively to shelling and the subsequent separation and sorting of the product.

SYSTEM SPECIFICATIONS

Required space: 10 m²

Overall dimensions: 120 × 260 × 500 cm

Power consumption: 3.25 kW

Weight: 730 kg (Selector) + 700 kg (Shelling Machine)

Processing capacity: 300/450 kg/h of in-shell product

Suitable products: almonds, hazelnuts, argan nuts, plum stones, pistachios



SINGLE-CYLINDER SHELLING MACHINE

Dimensions: 120 × 180 × 250 cm

Power consumption: 0.75 KW

Weight: approx. 700 kg

Hopper capacity: approx. 1 m³

Processing capacity: 300–450 kg/h of in-shell product

Suitable products: Almonds, hazelnuts, argan nuts, plum stones, pistachios



THREE-STAGE COMPACT SELECTOR

Dimensions: 120 × 250 × 260 cm

Power consumption: 2.5 KW

Weight: 730 kg

Processing capacity: 500 kg/h

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