SHELLING SYSTEMS

SELECTOR 500 – TWO-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 features a loading hopper with a capacity of approximately 2.5 m³ and two cylinders, each equipped with five adjustable shell-breaking bars. The first cylinder has a processing capacity ranging from 200 to 450 kg/h, depending on the type of product, while the second cylinder automatically handles material requiring a second pass because it has not been completely shelled. The processed material is automatically conveyed to the fluid-pneumatic separator, where the shelled product, shells and residual material are progressively separated.

The three-screen system removes impurities and fragments of different sizes, while cyclone suction extracts the lighter shells. Final separation takes place on a continuously fed inclined deck fitted with fans that can be adjusted independently by means of inverters. The combined action of airflow and oscillation effectively separates almonds from similarly sized shell fragments, improving the cleanliness of the final product. Robust construction, adjustment systems and mechanized product transfer make this a reliable and versatile solution, ensuring efficiency and precision at every stage of processing.

One integrated system for shelling and separation.

Watch the video

Language versions: IT – FR – ES

SELECTOR 500
TWO-CYLINDER SHELLING MACHINE

DESCRIPTION AND TECHNICAL DATA

The **SELECTOR 500 TWO-CYLINDER** system consists of three interconnected units, each designed for a specific stage of the shelling process.

SYSTEM SPECIFICATIONS

Space required: 30 m^2

Overall dimensions: 300x1.000x360 cm

Power consumption: 14,25 KW

Weight: kg 1.800 (SELECTOR) + kg 1.200 (Shelling Machine) + kg 250 (Grader)

Processing capacity: 300/750 kg/h of in-shell product

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



TWO-CYLINDER SHELLING MACHINE

Dimensions: 1200x260x380 cm

Power consumption: 1,5 KW

Weight: 1.200 kg

Hopper capacity: approx. 2 m^3

Processing capacity: 300/750 kg/h of in-shell product

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



SELECTOR 500

Dimensions: 360x130x360 cm

Power consumption: 12 Kw

Weight: 1.800 kg

Processing capacity: 700 kg/h

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



THREE-OUTLET GRADER

Dimensions: 100x100x110 cm

Power consumption: 0,75 Kw

Weight: 250 kg

Interchangeable screens

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