

Savage Stone Remover & Aspirator



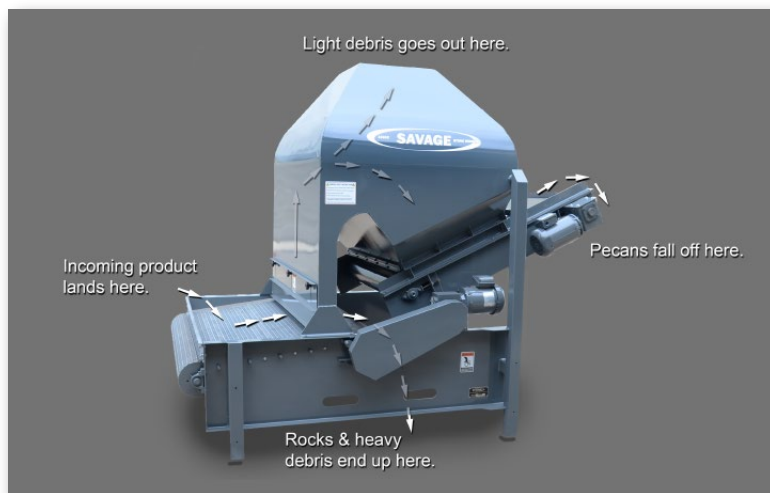
Stone Remover
Model 3360C



Aspirator
Model 3748

The Savage Stone Remover, available in three sizes, is designed to both remove heavy debris and lift off lighter material. This machine conveys the raw product on a metal mesh belt under an adjustable aspirating vacuum. Heavier objects continue past the aspiration vent and fall below, while lighter material (including the nuts) travels through the redesigned vacuum chamber. Within this upper chamber, light trash flows out the top and nuts are deposited on a cleated belt which elevates them toward the next stage of cleaning. The enhanced air chamber smooths out airflow and makes the vacuum more consistent and efficient.

The Savage Aspirator can be employed in a variety of ways. As nuts pass by on the conveyor, lighter debris is suctioned off for disposal. The fan speed can be finely regulated to accommodate many situations. These machines can also be used after in-shell sorting to further grade nuts by quality/meat percentage due to the weight variance. This allows users to market their best quality pecans separately in order to gain a higher premium. Aspirators are available in 24", 36" and 48" (width) models.



Savage Dehuller



Model 3532

An effective dehuller can help your pecan cleaning plant become more profitable. Savage's rugged little workhorse has a very small footprint, but it can strip away pecan hulls with amazing efficiency. The Savage dehuller succeeds where others fall short because its unique patented design allows the brush to engage the nuts over an extended distance. This gets more of the hull stripped away in a single pass.

Early harvesting and certain orchard conditions can mean more nuts left in their hull. Savage Equipment has a great solution. Visit our website to see Savage's Gray-line cleaning equipment in action. Our Youtube channel is found at www.youtube.com/savageequipmentinc.



The heart of a Savage Dehuller



The Savage Dehuller can easily adjust to variable product conditions.

The Savage dehuller scrubs off pecan hulls rapidly to help get the most out of your harvest. At only 44 inches tall and a footprint of only ten square feet, it will easily fit into almost any cleaning plant configuration.

Savage In-shell Sizer

SAVAGE



**60" Sizer with mounted Stick Remover
(shown with trash conveyor)**



**Stand-alone
48-inch Sizer**

The Savage In-shell sizer is often integrated into a nut-cleaning plant after nuts have been fully cleaned. Size-sorted nuts can be discharged into super-sacks, bins or conveyors. A variety of discharge chute options are available. The rotating reel is divided into 2-foot sections, and each section can be configured for a different size of nut. These sections can be swapped out for other sizes if necessary. The machine is available in 36", 48" and 60" diameter reels.

This same machine is also sometimes used as a Cleaning Reel to separate out dirt/sand small stones and undersized nuts. Used for this purpose, the machine is usually integrated into the cleaning

plant earlier in the process, just after nuts pass through the Stick Remover.

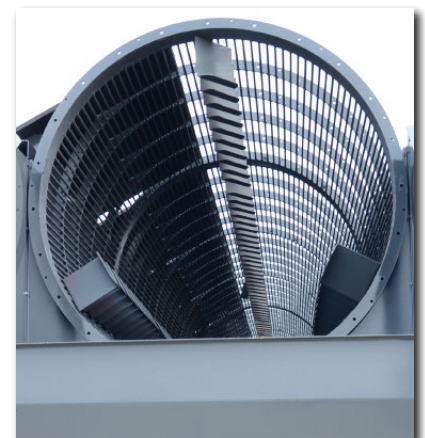
In this type of setup, the machine can also be used

Sizer Features:

- Many options in the sizes and number of sizes to be sorted
- Size reels can be removed and reconfigured.
- Motors can be ordered single-phase or 3-phase.
- Available as an integrated unit with the Stick Remover or a stand-alone machine
- Over-engineered machines built to power through tons of product year after year



**Some large cleaning plants
employ Savage's 40' Sizer.**



Savage Stick Remover



**60-inch Stick Remover with Pre-Vac
Mounted on Cleaning Reel with Trash Conveyor**

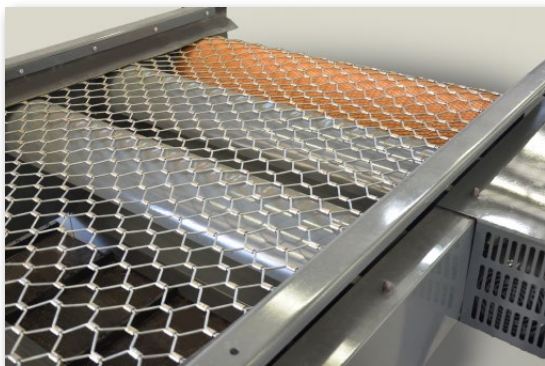


**Stand-alone
48-inch Stick Remover**

The Savage Stick Remover is highly effective at removing sticks and other large debris from harvested nuts. The design of the receiving area causes sticks to lay flat for easy removal while keeping the product moving at maximum flow rate. A series of radial “bumps” cause clumps of product to dislodge, so that good nuts end up where they should. The discharge conveyor can be configured to flow out either side, and the mounting height is variable based upon the leg-length you request. The machines are available in 36, 48, and 60-inch chain widths.

Savage Stick Remover Features:

- Stick Remover’s “good-product” discharge conveyor can be built to discharge on either side
- Motors can be ordered single-phase or 3-phase
- Available as an integrated unit with sizer or as stand-alone machines
- Over-engineered machines built to power through tons of product year after year



Specification	Model 3436	Model 3448	Model 3460
Typical throughput (lbs/hr)	12,000	18,000	24,000
Width (conveyor/total)	36"/52"	48"/64"	60"/76"
Length	85 1/2"	85 1/2"	85 1/2"
Height	fully adjustable		
Motor	3/4 HP (single or three-phase)		

Savage Grayline Components



Pit Elevator



Pre-Vac



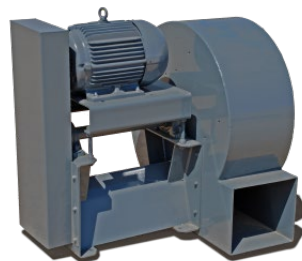
Bucket Elevator
& Holding Bin



3942 Hopper



Sorting Table



Vacuum Fan



3918 Feed Hopper

In addition to the major machine components that make up your pecan cleaning plant, every facility will require a range of other components to keep the product moving efficiently and to provide various types of holding capacity. These can be critically important to the efficient operation of your plant, and Savage makes them all. These products include belt elevators, bucket elevators, pit elevators, holding and drying bins, conveyor belts, sorting tables, and vacuum fans. All of these items are available in a wide range of sizes to accommodate almost any plant configuration. Savage Equipment has decades of experience in designing and operating pecan cleaning plants, and we would be glad to design and build one to accomplish everything you would hope for in a first-rate cleaning facility.



Drying Bins with Bucket Elevator and Hopper



1512 Super-Sack Elevator