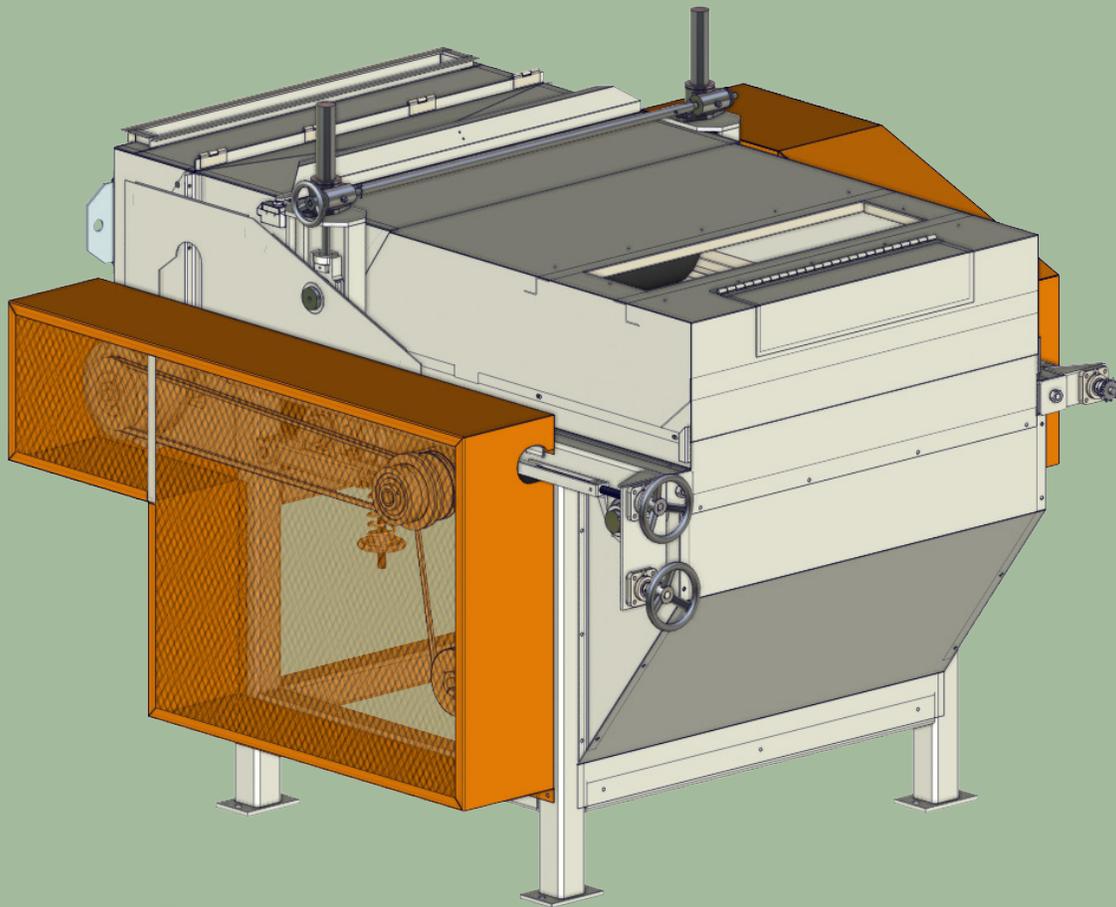


# SHEAR ROLL



*Remove hulls and shells without damaging kernels!*

## HULLING/SHELLING > SHEAR ROLL

The KFI Shear Roll breaks apart nut hulls and shells without damaging the kernels. Our KFI Shear Roll has a very high capacity, and is built to meet efficiency standards that satisfy even the most rigorous demands of mid- to large-scale hullers. It is self-cleaning and easily adjustable to accommodate a variety of nuts.

1-209-599-7137

[www.kamperfab.com](http://www.kamperfab.com)

[sales@kamperfab.com](mailto:sales@kamperfab.com)

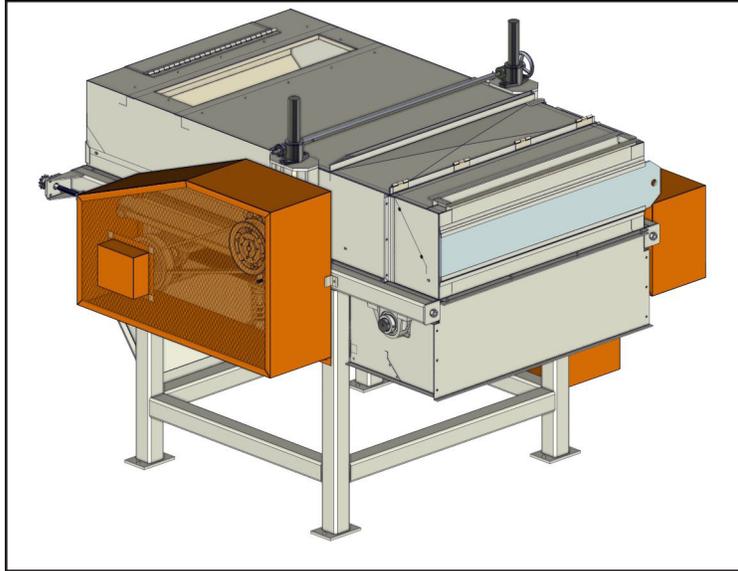


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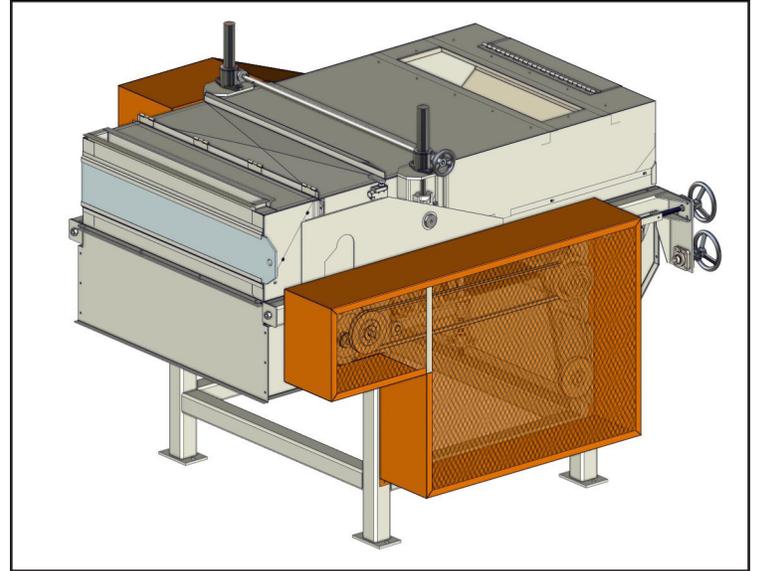


## Design

A KFI Shear Roll breaks the hull and shell from the kernel through a shearing action. As product enters the machine, it is carried on a rubber conveyor belt underneath a rubber roller where the shells and hulls are broken apart. The belt and the roller operate at differential speeds which the operator can conveniently adjust to obtain ideal results. A high-efficiency shell aspirator removes the shells, and clean product moves to the next stage in the process. Accessible handwheels give the operator control over the differential speeds, as well as gap distance between the belt and roller. An optional vibratory feeder is available which evenly transfers product into the Shear Roll, greatly enhancing efficiency.



KFI Shear Roll on Tall Frame – Right Side View



KFI Shear Roll on Tall Frame – Left Side View

## Specifications

	36" Roll	48" Roll
Machine Width	6' (1.8m)	7' (2.1m)
Machine Length	6'3" (1.9m)	
Machine Height*	Short frame: 4'11" (1.5m) Tall frame: 5'6" (1.7m)	
Horsepower	5 HP	

\*Does not include infeed (feed box) height which will change depending on system configuration.

\*\*Based on 20 lbs per cubic foot at 1" product depth.

Speed Differential Ratios			
		KFI	Competitor
Belt to Roll Differential	High	15.43 (1374/89)	2.45 (846/344)
	Low	1.23 (458/372)	2.20 (758/344)

Throughput **		
	36" Roll	48" Roll
High	105,620 lbs per hour	142,900 lbs per hour
Low	52,500 lbs per hour	71,040 lbs per hour

## Full Range of Products Available!

Our complete line of products includes:

- Auger Lines
- Box Dumpers
- Boxing Lines
- Bucket Elevators
- Catwalks
- Cleaning Decks
- Classifiers
- Conveyors
- Detwiggers
- Easylift Elevators
- Gravity Tables
- Hard Shell Crackers
- Hullers/Shellers
- Inhull Storage Tanks
- Precleaners
- Product Elevators
- Sample Crackers
- Sand Screens
- Shear Rolls
- Sizers
- Sorters
- Sorting Lines
- Stick Reels
- Support Structures
- Stainless Piping
- Transfer Hoppers
- And More!

All of us at Kamper Fabrication, Inc. proudly stand behind our work.

If you would like to visit an installation, or are interested in our products and services, contact us today!