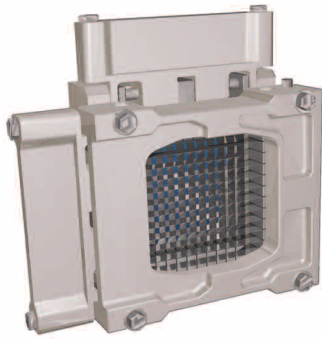


# Velocicut® Cutting Head

## Strip Cutting Head

Packaging - Processing  
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### APPLICATIONS

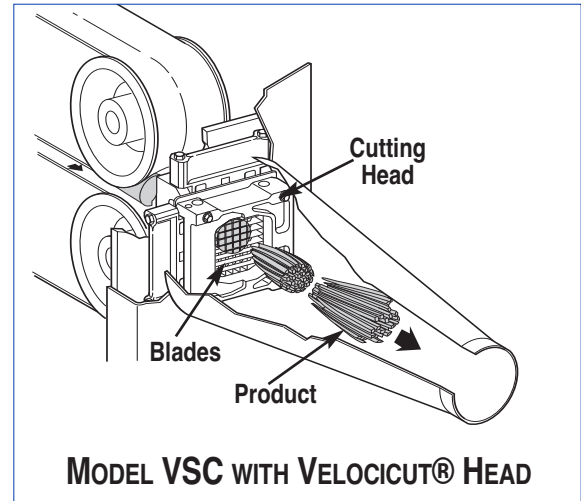
The patented Velocicut cutting head by Urschel strip cuts carrots or potatoes. The unique blade design substantially reduces feathering on preheated or unpreheated potatoes.

The blades are held together by tension and do not have a sharp knife edge. The Velocicut produces clean, accurate cuts and reduces feathered edges and downstream breakage. Use the same blade and block to produce different sizes of square, rectangular strips, or slices.

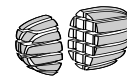
The Velocicut head may be used in conjunction with the Model VSC Cutter, or on types of water propelled systems.

### OPERATING PRINCIPLE (when used with the Model VSC)

The Model VSC consists of two conveyor belts running at identical velocities mounted in a frame with one belt above the other. Sufficient clearance is provided between the belts to captivate and form themselves around the product being cut. A feed pan and a feed chute are mounted at the entry end of the conveyor belts. Product delivered to the feed pan opening, slides down the feed chute into the conveyor belts and accelerates to belt speed. Product exits the belts at the opposite end of the machine with sufficient velocity to carry it through the knives and into the discharge cone. Belts, belt slides and pulleys are designed to keep product in the center of the belts. A small stream of water provides lubrication to the belts and cutting parts. The Model VSC is also easily adaptable to automated belt feeding.



### TYPES OF CUTS

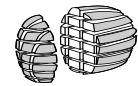


#### 3 & 4" Square Strips

.156" (4.0 mm)§	.344" (8.7 mm)
.188" (4.8 mm)§	.375" (9.5 mm)
.218" (5.5 mm)§	.394" (10.0 mm)*
.250" (6.4 mm)§	.406" (10.3 mm)§
.276" (7.0 mm)*	.438" (11.1 mm)
.281" (7.1 mm)	.472" (12 mm)*
.285" (7.2 mm)*	.500" (12.7 mm)
.290" (7.4 mm)	.512" (13 mm)*
.294" (7.5 mm)*	.560" (14.2 mm)§
.297" (7.5 mm)*	.591" (15 mm)*
.305" (7.7 mm)*	.750" (19.1 mm)
.313" (8.0 mm)	.875" (22.2 mm)*
.330" (8.4 mm)*	1.0" (25.4 mm)*

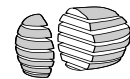
§ 3" only, not available in 4"

\*4" only, not available in 3"



#### Rectangular Strips

Any combination of square strip sizes is available to produce cuts such as .290 x .313" (7.4 x 8.0 mm)



#### Slab Cuts

A wide range of slab cut sizes is available to meet your product requirements.

§ The Velocicut may contain parts protected by U.S. Patent Nos. 5343623 and 6553885.

If your product application is not mentioned on this page, contact your local Urschel representative to determine the most effective solution to your size reduction needs.

## Your Product Can Be Test Cut

Urschel Laboratories has a complete network of test facilities and experienced service and sales representatives around the world ready to work for you on any size reduction application. Contact your local Urschel Laboratories' representative to schedule a comprehensive, no-obligation test today at [www.urschel.com](http://www.urschel.com)

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**Designers and manufacturers of  
 precision size reduction equipment.**