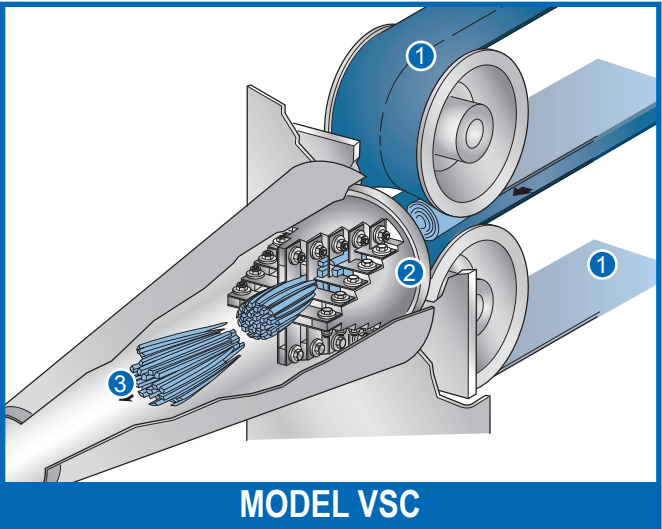


# Urschel® Model VSC

## Cuts Segments, Slabs, and Strips



### SPECIFICATIONS

Length: ..... 116.42" (2957 mm)  
 Width: ..... 32.41" (823 mm)  
 Height: ..... 54.81" (1392 mm)  
 Net Weight: ..... 1028 lb (466 kg)  
 Motor: ..... 3 HP (2.2 kW) or 5 HP (3.7 kW)

### APPLICATIONS

The patented<sup>®</sup> Urschel Model VSC produces segments, slabs, and square or rectangular strips from many food products such as carrots, pickles, zucchini, potatoes. The Model VSC features an available variable speed drive, hinged access panel, quick changeover of a wide variety of cutting heads, and simplified design for easy cleanup and maintenance. Maximum input product size is 4" (101.6 mm) in diameter, and the machine easily adapts to automated belt feeding.

The machine can be sold equipped with a feed pan and chute for hand-fed operations. For added versatility, several different cutting heads

are available including the standard head, slab cutting head, and the patented<sup>®</sup> Velocicut<sup>®</sup> cutting head. Consult your local Urschel sales representative for the cutting head best-suited for your application.

### OPERATING PRINCIPLE

The Model VSC consists of two conveyor belts [ 1 ] 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. Product delivered onto the conveyor belts accelerates to belt speed. Product exits the belts at the opposite end of the machine with sufficient velocity to carry it through the knives [ 2 ] and into the discharge cone [ 3 ]. 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 available in a manual-fed version.

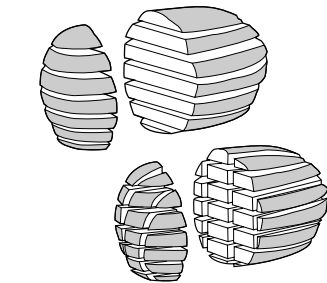
### TYPES OF CUTS

#### SLABS

Crinkle and flat slab cut sizes are available to meet your product requirements.

#### RECTANGULAR STRIPS

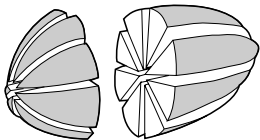
.281 x .406" (7.1 x 10.3 mm)  
 .281 x .594" (7.1 x 15.1 mm)  
 .290 x .313" (7.4 x 8.0 mm)  
 .313 x .375" (8.0 x 9.5 mm)  
 .313 x .750" (9.5 x 19.1 mm)  
 .315 x .385" (8.0 x 9.8 mm)  
 .330 x .395" (8.4 x 10.0 mm)  
 .344 x .469" (8.7 x 11.9 mm)



.375 x .750" (9.5 x 19.1 mm)  
 .438 x .750" (11.1 x 19.1 mm)  
 .438 x .875" (11.1 x 22.2 mm)  
 Other sizes also available when using the Velocicut cutting head.

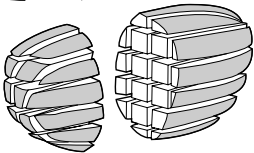
#### SEGMENT CUTS

3, 4, 5, 6, 7, 8, 10, or 12



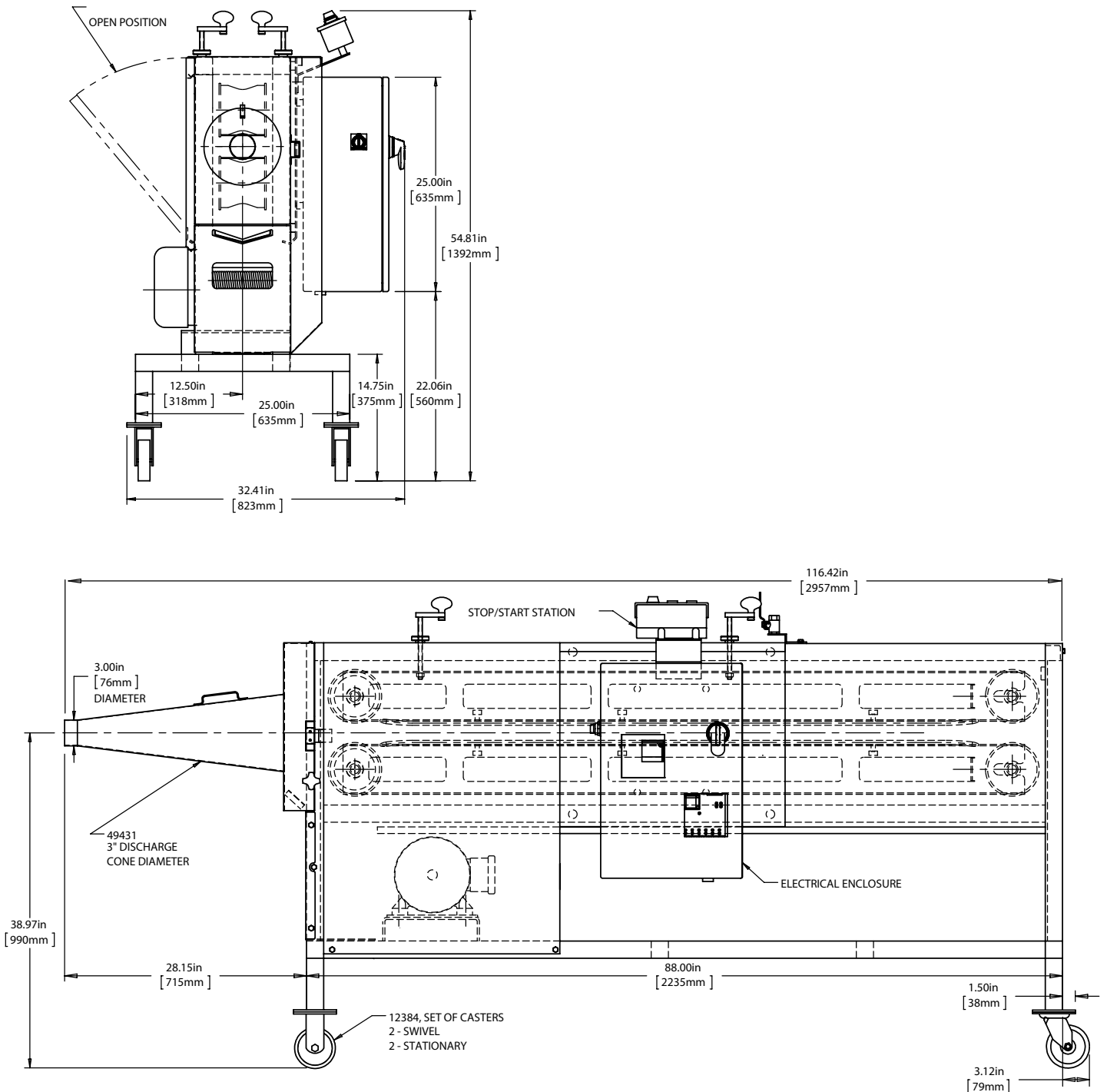
#### SQUARE STRIPS

.156" (4.0 mm)	.297" (7.5 mm)		
.188" (4.8 mm)	.300" (7.6 mm)		
.218" (5.5 mm)	.305" (7.7 mm)		
.250" (6.4 mm)	.313" (8.0 mm)	.438" (11.1 mm)	.563" (14.3 mm)
.276" (7.0 mm)	.330" (8.4 mm)	.469" (11.9 mm)	.591" (15.0 mm)
.281" (7.1 mm)	.344" (8.7 mm)	.472" (12.0 mm)	.625" (15.9 mm)
.285" (7.2 mm)	.375" (9.5 mm)	.500" (12.7 mm)	.750" (19.1 mm)
.290" (7.4 mm)	.394" (10.0 mm)	.512" (13.0 mm)	.875" (22.2 mm)
.294" (7.5 mm)	.406" (10.3 mm)	.560" (14.2 mm)	1" (25 mm)



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. (over)

# Urschel® Model VSC Dimensional Drawing



## You Are Invited to Test Cut Your Product

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).



**URSCHEL**  
LABORATORIES INCORPORATED  
The Global Leader in Food Cutting Technology  
[www.urschel.com](http://www.urschel.com) | ✉ [info@urschel.com](mailto:info@urschel.com)

® Urschel and Velocicut are registered trademarks of Urschel Laboratories, Inc.

§The Model VSC is protected by U.S. Patent No. 5044240 and European Patent No. 412835. Foreign and other patents pending.

§§The Velocicut is protected by U.S. Patent No. 5343623 and European Patent No. EP0570153.

L2729 JAN 2015 (s.s. L1873)