

# Model CC

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DELIVERING CUTTING EDGE SOLUTIONS IN  
SLICING, SHREDDING, GRATING, & GRANULATING

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CENTRIFUGAL FORCE MEETS PRECISION



**URSCHTEL**<sup>®</sup>

The Global Leader in Food Cutting Technology



# Model CC

## CENTRIFUGAL FORCE MEETS PRECISION

Rely on powerful centrifugal force combined with the sharpest knives in the food processing industry. The Model CC series of machines uniformly slice, shred, or granulate a wide variety of food products at high capacity output.

As a potato slicer, the Model CC is the industry leader worldwide for the production of chips/crisps. This popularity extends across food industries including fruit/vegetable, bakery/snack, meat/seafood, dairy/cheese, and alternative markets. Interchangeable cutting heads deliver a full complement of shapes and sizes.

Sanitary, stainless steel in a durable, robust design. The Model CC will accept products measuring up to 4" (101.6 mm) in any dimension. Each CC is built by Urschel to meet your production goals.

Delivering targeted cutting solutions, rely on Urschel for all of your production needs.

## PRODUCTION PROVEN



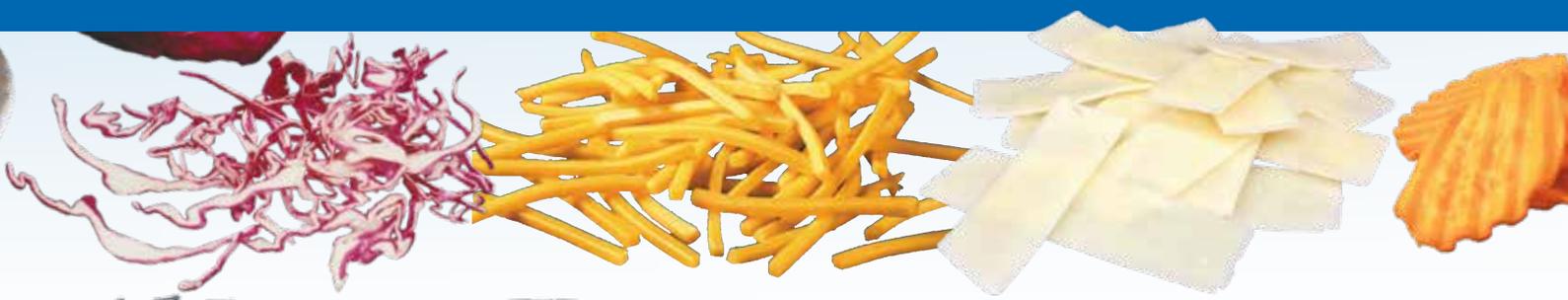
## CUT PRODUCTS

### (LEFT TO RIGHT):

- **Mushroom** – 3/16" (4.8 mm) Slice
- **Cabbage** – .090" (2.3 mm) Shred
- **Cheddar Cheese** – .125" (3.2 mm) Full Shred
- **Parmesan Cheese** – 3/4" x .030" (19.1 x .762 mm)

- **Sweet Potato** – .076" (1.7 mm) Flat-V Slice
- **Almond** – Flat & V Slices
- **Tomato** – .236" (6 mm) Slice
- **Olive** – .125" (3.2 mm) Slice
- **Pet Food** – Oval Shred

- **Surimi** – .070" (1.8 mm) Full Shred
- **Carrot** – .070" (1.8 mm) Full Shred
- **Tofu Crumble**
- **Broccoli Stem** – .125" (3.2 mm) V-Shred
- **Coconut** – .070" (1.8 mm) Full Shred



MICROADJUSTABLE® SERIES

STANDARD 8 SERIES

GRATING SERIES

## MAKING EVERY SLICE COUNT

- Achieve the Perfect Cut** – A wide selection of heads are available to produce your choice of shapes and sizes. New MicroAdjustable® series contains 14 cutting stations to maximize output. Standard 8 series contains 8 cutting stations. Knives are an integral part of each of these series, and dictate the shape of the cut. Grating series offers a range of perforated screens in a variety of patterns.
- Attain and Retain Cut Consistency** – Durable, heavy-duty construction. Features like double-ring, double adjustment construction mean your slice is locked-in. The gap setting will not change throughout production runs. If the head is dropped or worn after years of use, the head can be readjusted to continue to make a perfect slice.
- Inexpensive** – low-cost knife holder design is inexpensive to replace when the unfortunate, but common rock or other foreign material damage occurs.



**MODEL CC**  
STANDARD HOPPER

**Length:** ... 48.03" (1220 mm) – 2 or 5 HP  
 ..... 51.74" (1314 mm) – 10 HP  
**Width:** ..... 35.26" (896 mm)  
**Height:** ..... 31.47" (799 mm) – 2 or 5 HP  
 ..... 30.28" (769 mm) – 10 HP  
**Net Weight:** 550 lb (250 kg) – 2 or 5 HP  
 ..... 680 lb (310 kg) – 10 HP  
**Motor:** ..... 2, 5, or 10 HP  
 (1.5, 3.7, or 7.5 kW)



**MODEL CC**  
FUNNEL HOPPER WITH EXTENSION

**Length:**..... 48.59" (1234 mm) – 2 or 5 HP  
 ..... 52.23" (1327 mm) – 10 HP  
**Width:** ..... 35.60" (904 mm)  
**Height:** ..... 38.95" (989 mm) – 2 or 5 HP  
 ..... 40.39" (1026 mm) – 10 HP  
**Net Weight:** 550 lb (250 kg) – 2 or 5 HP  
 ..... 680 lb (310 kg) – 10 HP  
**Motor:** ..... 2, 5, or 10 HP  
 (1.5, 3.7, or 7.5 kW)



**MODEL CCX-D**  
U.S.D.A., DAIRY DIVISION ACCEPTED

**Length:**..... 58.78" (1493 mm) – 24" diam. encl.  
 ..... 66.28" (1684 mm) – 32" diam. encl.  
**Width:** ..... 32.95" (837 mm)  
**Height:** ..... 31.61" (803 mm) – 24" diam. encl.  
 ..... 34.11" (866 mm) – 32" diam. encl.  
**Net Weight:** 1,000 lb (454 kg)  
**Motor:** ..... 10 HP (7.5 kW)

OTHER CC MODELS TO CONSIDER: CCL, CC-DL, & CC-D



## IMPELLERS

A variety of impellers are available. Rotating at high speeds (up to 448 RPM), grooves and angles on paddles assist in proper product orientation for cutting.

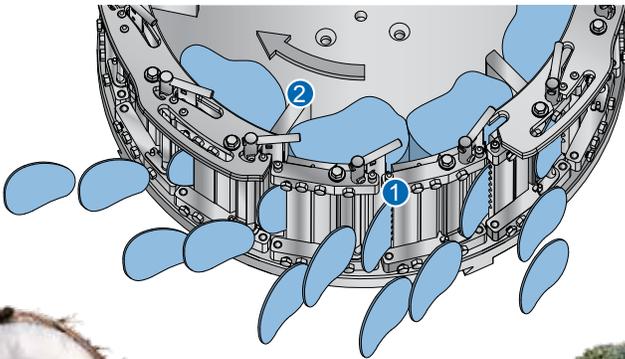
## KNIVES

Urschel knives dictate the cut shape. Customers rely on Urschel to deliver some of the sharpest blades in the industry.

- **Versatile Cut Shapes** – Urschel offers a wide range cuts (see Types of Cuts) and continues to develop new shapes.
- **Advanced Cutting Head Technology** – The single adjustment, double ring, self-locking heads securely attach to the support, and can also be removed quickly to expedite head changeovers, offering time and production cost-savings.
- **MicroAdjustable® Cutting Head Benefits** – 14 cutting stations; built-in handles; lightweight at 35 lb (16 kg); microadjustability with a simple turn; double the capacity of the standard 8-station series; does not incorporate shims or shoes; optional quick-release clamps offer tool-free changeovers in record time. See the 'MicroAdjustable Slicing Head' brochure for more information.

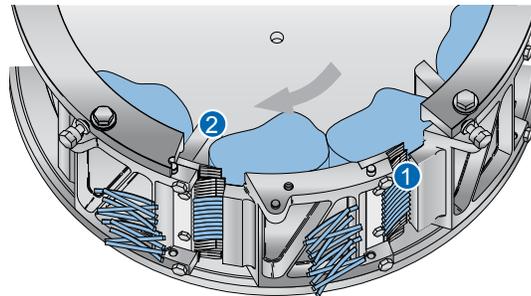
## SLICING OVERVIEW

1. Slicing Knife
2. Impeller



## SHREDDING OVERVIEW

1. Shredding Knife
2. Impeller



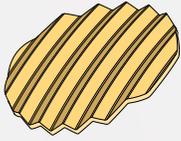
# TYPES OF CUTS: Slices



## \*FLAT-V® SLICES

Slice thickness up to .180" (4.6 mm) with 2.1 corrugations per inch.  
Corrugation depth of .125" (3.2 mm); Centers: .473" (12 mm).

\*Limited availability based on customer application. Contact your local Urschel office to verify salability.



## \*Z-CUT SLICES

Slice thickness up to .325" (8.3 mm) with 2.1 corrugations per inch.  
Corrugation depth of .135" (3.4 mm); Centers: .394" (10 mm).

\*The Z-Cut is only available in non-European countries.



## V SLICES

Slice thickness up to .500" (12.7 mm)

**.125" Slice:** 8 "V"s per inch. "V" depth of .050" (1.3 mm); Centers: .125" (3.2 mm).

**.212" Slice:** 4.7 "V"s per inch. "V" depth of .084" (2.1 mm); Centers: .212" (5.4 mm).



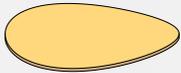
## CRINKLE SLICES

Slice thickness up to .500" (12.7 mm) with 3-1/2 waves per inch.

**.175 Slice:** Crinkle Depth .084" (2.1 mm), Centers .175" (4.4 mm),

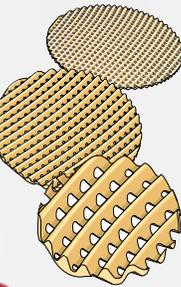
**.300 Slice:** Crinkle Depth .080" (2.0 mm), Centers .300" (7.6 mm).

**.480 Slice:** Crinkle Depth .076" (1.9 mm), Centers .480" (12.2 mm).



## FLAT SLICES

Slice thickness up to .500" (12.7 mm)



## LATTICE SLICE (SPECIFIC TO THE MODEL CCL)

**Fine Lattice:** Translucent appearance with small lattice holes visible after frying. 8 corrugations per inch (25.4 mm). Approximately .125" (3.2 mm) peak to peak.

**Coarse Lattice:** Small lattice holes visible. 5.7 corrugations per inch (25.4 mm). Approximately .175" (4.4 mm) peak to peak.

**Deep Lattice:** Slightly larger lattice holes. 2.25 corrugations per inch (25.4 mm). Approximately .446" (11.2 mm) peak to peak.



## CUT PRODUCTS

### (LEFT TO RIGHT):

- Celery – 3/16" (4.8 mm) Shred
- Beet – V-Shred
- Pretzel Granulation
- Grated Parmesan
- Strawberry – 1/4" (6.4 mm) Slice

- Zucchini – Lattice Slice
- Beet – Lattice Slice
- Grated Mushroom
- Cheddar Cheese – .480" (12.2 mm)
- Lemon – 5/16" (7.9 mm) Slice

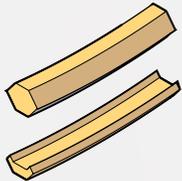
- Carrot – 1/4" (6.4 mm) Shred
- Cranberry – Halved
- Peanut Granulation
- Cabbage – .060" (1.5 mm) Shred
- Parsnip – .060" (1.5 mm) Shred

# TYPES OF CUTS: Granules, Shreds, & Strip Cuts



## GRATING OPTIONS

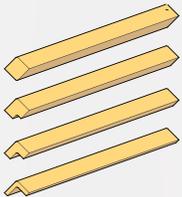
Grating heads offer cuts including powdered parmesan, coarse granules, and a variety of shreds.



## FULL & REDUCED FLAT-V® SHREDS

**Full Flat-V Shred:** Hexagonal-shaped cross section approximately .150" (3.8 mm) on all sides.

**Reduced Flat-V Shred:** Flattened top and bottom that form a corrugated shred.

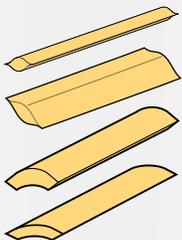


## FULL SHREDS & REDUCED V SHREDS

**Full Shred:** Diamond-shaped cross section available in four thicknesses: .070, .097, or .125", \*285" (1.8, 2.5, 3.2, or \*7.2 mm).

**Reduced V Shred:** "V"-shaped cross section

\*Limited availability based on customer application. Contact your local Urschel office to verify salability.



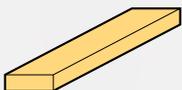
## OVAL & REDUCED OVAL (CRESCENT) SHREDS

**.250 Oval Shred:** Oval-shaped cross section approximately .125" (3.2 mm) thick by .250" (6.4 mm) wide.

**.480 Wide Oval Shred:** .152" (3.7 mm) thick by .480" (12.2 mm) wide.

**Crescent Shred:** Crescent-shaped cross section.

**Wide Crescent Shred:** Wide crescent-shaped cross section.



## STRIP CUTS

Rectangular cross section.

**Widths:** 3/32, 1/8, 3/16, 1/4, 3/8, 1/2, 9/16, and 3/4" (2.4, 3.2, 4.8, 6.4, 9.5, 12.7, 14.3, and 19 mm)



## Test Cut Your Product

Urschel 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 representative to schedule a comprehensive, no-obligation test today at [www.urschel.com](http://www.urschel.com).



# URSCHEL®

The Global Leader in Food Cutting Technology

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