

# CUTTING SOLUTIONS

## Alternative Proteins



**URSCHEL**<sup>®</sup>

The Global Leader in Food Cutting Technology

# Processing of Protein Alternatives



**Veggie Burger Ingredients**  
Comitrol Processor



**Almond Milk & Flour**  
Comitrol Processor



**TVP**  
Comitrol Processor

Rely on Urschel cutting technology to effectively deliver targeted cutting solutions for the growing variety of alternative proteins.

From small to large dices, shreds, and other more selective cuts, we manufacture rugged, high-speed, precision cutting equipment to overcome processing challenges. Urschel heavy-duty, aggressive cutting parts are engineered to overcome traditionally more difficult applications.

Alternative proteins are unique in many characteristics - viscosity, moisture content, temperature requirements, size, shape, and other factors. Urschel recognizes these differences and partners with customers to discover the ideal reduction method based on customer production goals.



1



2



3



4



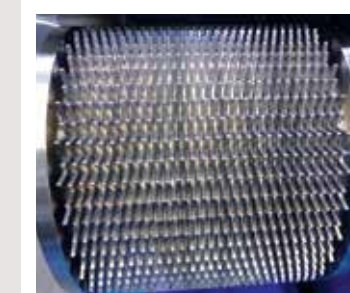
**Red Bean Paste**, Comitrol Processor

Popular machines in the processing of alternative proteins include the DiversaCut® 3-D Dicer line, the M6 2-D Dicer, and the Comitrol® Processor milling/particle reduction line.

The large DiversaCut 2110A® Dicer (DCA) (1) accepts products up to 10" (254 mm). The DCA produces small to large slices, dices, shreds, or crumbles. With a smaller footprint, the Sprint 2® Dicer (SPR2) (2) provides similar cuts.

The M6 Dicer (4) accepts products up to 1" (25.4 mm) in thickness. This belt-fed dicer produces dices and shreds. Heavy-duty setups provide the ultimate in shredding.

The Comitrol Processor line provides the smallest reduction - from dime size down to micro-dimensions. Different models are available based on the desired feeding method, motor size, and type of reduction head. The Comitrol Processor Model 1700 (3) is the most versatile in the line. It may be equipped with a slicing head, cutting head, or microcut head.



**Frozen Coconut Oil**  
Reduction, Comitrol Processor



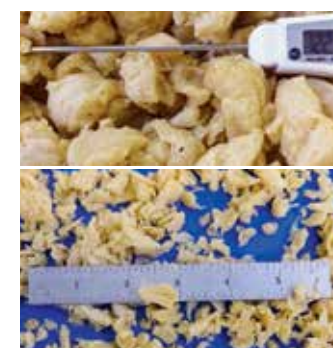
**Seaweed**  
Puree, Comitrol Processor



**Protein Chub**  
1/8" (3.2 mm) Strip  
DiversaCut 2110A Dicer



**Pea Protein Extrusion**  
Comitrol Processor



**Pea Protein Extrusion**  
1/4" (6.4 mm) Shred, Sprint 2 Dicer



**Garbanzo Bean**  
Paste, Comitrol Processor



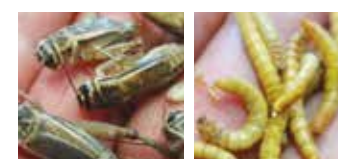
**Coconut**  
Milk, Granulation, & Yogurt  
Comitrol Processor  
1/4" (6.4 mm) Dice, Sprint 2 Dicer



**Imitation Meat Plank**  
1/2" Dice, M6 Dicer



**Protein Chub, Soy Based**  
1/2" (12.8 mm) Dice, Sprint 2 Dicer



**Insect**  
Paste, Comitrol Processor



**Protein Sheet, Soy Based**  
3/4" (19.1 mm) Dice, M6 Dicer



**Imitation Meat Plank**  
1-1/2 x 1" (38.1 x 25.4 mm)  
M6 Dicer



**Jackfruit**  
1/8 x 3/16" (3.2 x 4.8 mm) Shred  
DiversaCut 2110A Dicer

**Mushroom**  
1/8" (3.2 mm) Dice  
Sprint 2 Dicer

Heavy-duty parts handle difficult-to-cut products.



**Soy Milk**  
Comitrol Processor



## You are Invited to Test Cut Your Product

Urschel has a complete network of test facilities and experienced service and sales representatives around the world ready to work with you on any size reduction application. Test cutting of your product is available in- person, live remotely, or via video. Contact your local Urschel representative to schedule a comprehensive, no-obligation test today at [www.urschel.com](http://www.urschel.com).



# URSCHEL®

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## THE GLOBAL LEADER IN FOOD CUTTING TECHNOLOGY®

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# #1 Best Selling

provider of industrial cutting machinery throughout the world.