

# Urschel® Model RA-D

## Uniformly Dices or Strip Cuts

**Packaging - Processing**  
**Bid on Equipment**  
1-847-683-7720  
[www.bid-on-equipment.com](http://www.bid-on-equipment.com)



### SPECIFICATIONS

Length: ..... 39.46" (1002 mm)  
Width: ..... 36.93" (938 mm)  
Height: ..... 62.75" (1594 mm)  
Net Weight: ..... 740 lb (336 kg)  
Motor: ..... 5 HP ( 3.7 kW)

The Model RA-D is accepted by the United States Department of Agriculture, Dairy Division.

### APPLICATIONS

The Model RA-D is a versatile dicing machine capable of a wide dice size range. A positive method of cutting, together with a wide selection of speeds and knife styles enables the Model RA-D to give excellent results on a variety of cheeses and meats. Maximum input product is 3-1/2" (88.9 mm) in any dimension. Precut product if necessary. The Model RA-D features continuous operation for uninterrupted production, and simplified design for easy cleanup and maintenance.

Successful cutting of cheese depends upon product temperature, moisture content, and selection of the suitable machine speed. Many applications are successful with proper technical assistance and preparation of product samples for testing.

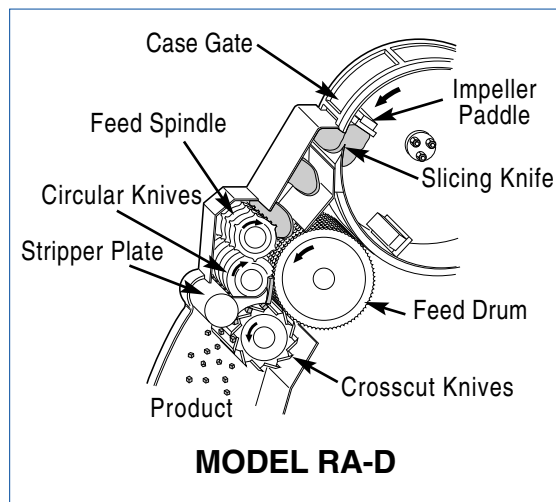
*If your product application is not mentioned on this page, [contact your local Urschel representative](#) to determine the most effective solution to your size reduction needs.*



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

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### OPERATING PRINCIPLE

Product delivered to the feed hopper continues into a rotating impeller. Centrifugal force holds the product against the inside of the slice case as the impeller paddles carry the product past the slicing knife. An adjustable case gate at the front of the case allows the product to move forward across the edge of the slicing knife. The opening between the end of the case gate and the slicing knife edge determines the slice thickness. Slices then drop onto a revolving feed drum. The drum and an opposing feed spindle transfer the slices to the circular knife spindle where the product is cut into strips. The strips then move directly into the rotating crosscut knives producing cubes or rectangular pieces of predetermined size.

### TYPES OF CUTS

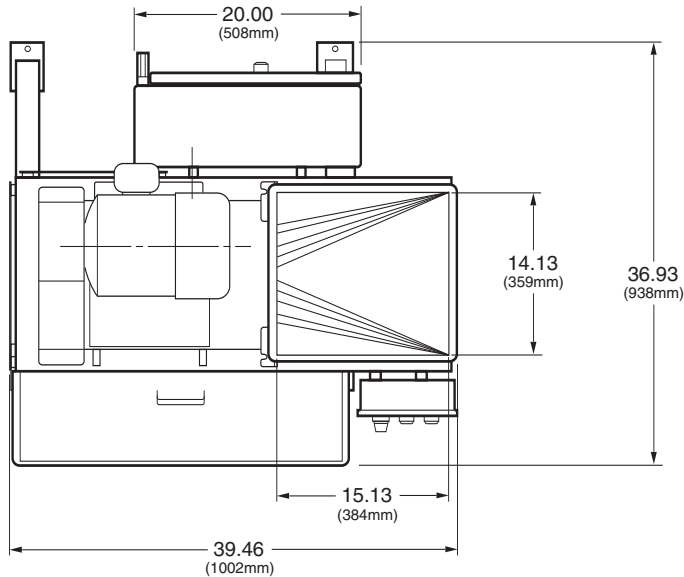
**DICES:** A slicing knife, circular knife spindle, and crosscut knife spindle are used for dicing. Changing the size of the cubes is done by using the required cutting spindles and adjusting the slice thickness.

Slice Thickness: 1/16 to 3/8" (1.6 to 9.5 mm)  
Circular Knife Cuts: 1/8 to 1" (3.2 to 25.4 mm)  
Crosscut Knife Cuts: 1/8 to 1-1/2" (3.2 to 38.1 mm)

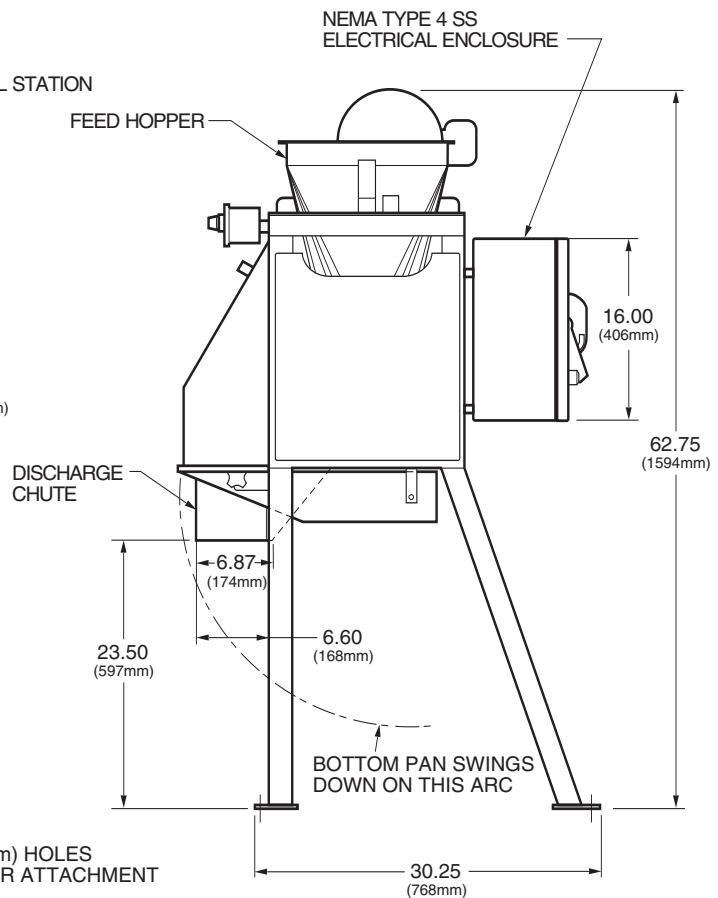
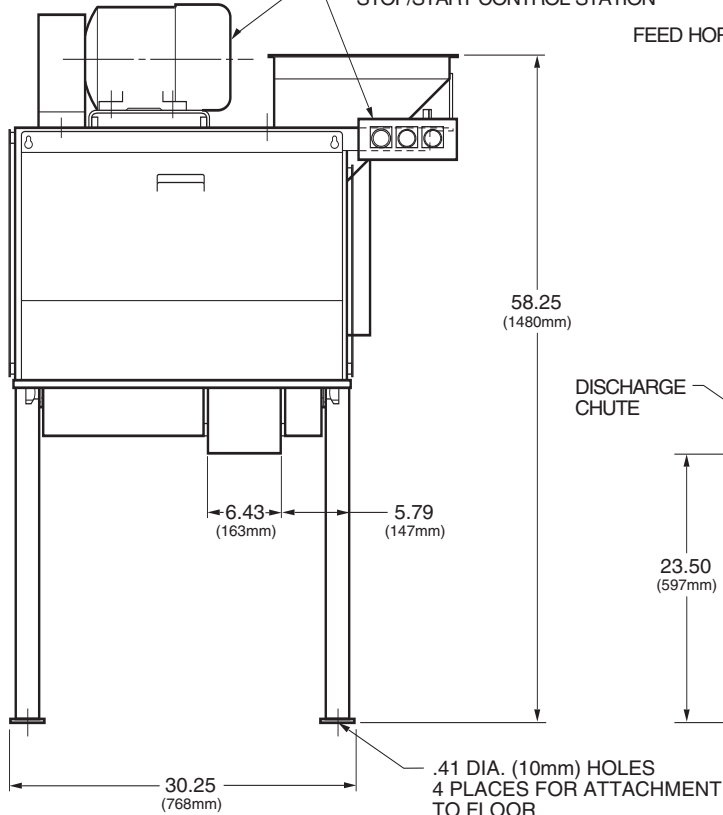
**STRIP CUTS:** Removal of crosscut knife spindle and shaft will enable the user of the RA-D to produce strips of different lengths as determined by incoming product size. A circular spindle change may also be required.

# Urschel® Model RA-D Dimensional Drawing

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MOTOR, 5 H.P. (3.7 kW) TOTALLY ENCLOSED FAN COOLED  
 NEMA TYPE 4 SS STOP/START CONTROL STATION



## 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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