

Urschel® Model RA-A

Uniformly Dice, Strip Cut, or Slice



SPECIFICATIONS

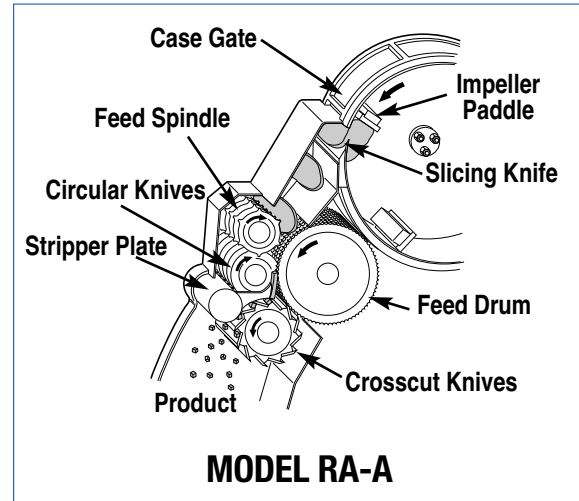
Length: 46.11" (1171 mm)
Width: 36.93" (938 mm)
Height: 71.39" (1833 mm)
Net Weight: 700 lb (317.5 kg)
Motor: 5 HP (3.7 kW)

APPLICATIONS

The Model RA-A produces a wide range of dices and strip cuts from a variety of products such as fruits, vegetables, products for relish, nuts, and processed meats. Maximum input product is 3-1/2" (88.9 mm) in any dimension. The Model RA-A feature continuous operation for uninterrupted production and simplified design for easy cleanup and maintenance.



Model RA-A with optional stainless steel motor and caster frame.



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: .05 to 3" (1.3 to 76.2 mm)

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



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