

# AFFINITY CD-L

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MEETING THE CHALLENGES OF  
DIFFICULT-TO-CUT PRODUCTS

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**URSCHEL®**  
The Global Leader in Food Cutting Technology





# AFFINITY CD-L



The new Affinity® CD-L Dicer produces uniform dices in the small to intermediate size range. The CD-L combines the utility of Urschel Models CD-A and L-A, plus working design elements from the Affinity Integra® Dicer. Processors replacing Model L-A's with the CD-L achieve more than twice the capacity.

Feed spindle, feed drum, and 5 HP (3.7 kW) motor work effectively with the cutting components in the successful processing of dried fruits and other products that are often difficult to process.

## TYPES OF CUTS

### DICES/STRIPS/GRANULATIONS

2-dimensional cutting is achieved by using the appropriate circular and crosscut spindle set-up.

**Circular Knife Cuts:** 1/8 to 2" (3.2 to 50.8 mm)

**Crosscut Knife Cuts:** 1/8 to 1-1/2" (3.2 to 38.1 mm)



## FEATURED PRODUCTS (RIGHT TO LEFT, COUNTER CLOCKWISE)

**Bacon Jerky**  
1/4" (6.4 mm)  
Dice

**Chocolate**  
1/8" (3.2 mm)  
Granulation

**Chocolate Covered  
Toffee Bar**  
3/16" (4.8 mm)  
Granulation

**Fruit Leather**  
3/8" (9.5 mm)  
Dice

**Cream Filled  
Wafer Cookie**  
1/4" (6.4 mm)  
Granulation

**Sugar Infused  
Cranberry**  
5/32" (4 mm)  
Strip

**Almond**  
1/8" (3.2 mm)  
Granulation

**Dried Apricot**  
3/8" (9.5 mm)  
Dice

**Pecan**  
3/16" (4.8 mm)  
Granulation

**Dried Date**  
3/8" (9.5 mm)  
Dice

## CUTTING OVERVIEW

- A. Feed Spindle
- B. Feed Drum
- C. Circular Knives
- D. Crosscut Knives
- E. Stripper Plate

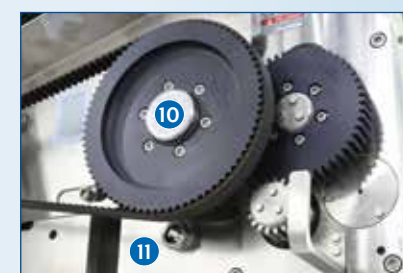
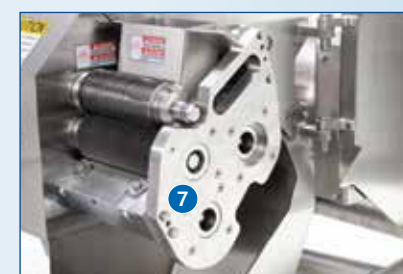
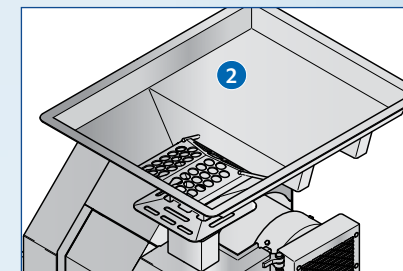


## MEETING THE CHALLENGES

- Processes challenging products such as dried fruits.
- Offers the utility of the Models CD-A and L-A with the updated design based on the Affinity Integra Dicer.

## PERFORMANCE & FEATURES

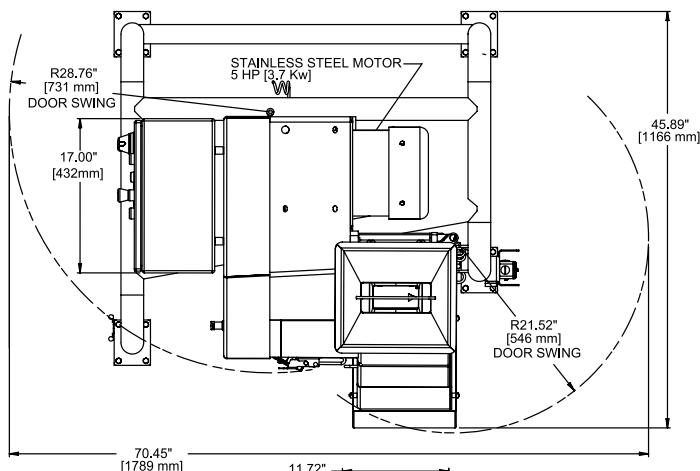
- Accepts in-feed products up to 1/2" (12.7 mm) depending on compressibility of the product.
- May be equipped with a feed chute (1) or a feed pan (2) for manual feeding.
- Food zone completely separate from the mechanical zone to ensure sanitation (3).
- Feed spindle and drum (4) maintain positive feeding of sticky products to promote controlled, precision cutting to maximize yield.
- Specially designed feed drum profile assists in the positive movement of product throughout the cutting components (5).
- Equipped with a two-piece discharge door (6) for added convenience when discharging onto a conveyor.
- Optional outboard bearing supports (7) the cutting spindles to triumph over tough, heavy-duty applications such as dicing frozen-tempered bacon. Other heavy-duty parts also available.
- Optional built-in fan cooler maintains optimum processing temperature (8).
- Corrosion-resistant, nonporous, nonabsorbent stainless steel construction.
- Hinged panels provide full access to facilitate and expedite cleaning and maintenance procedures.
- Lightweight, cantilevered spindles (9) remove completely from the machine for cleaning and maintenance.
- Sloped surfaces aid in efficient sanitation.
- Round tube frame limits microbial surface area and promotes self-draining.
- Outfitted with a 5 HP IP69k stainless steel motor.
- Two processing speeds available (high and low) through alternating gear pulleys (10).
- Gear box is equipped with a convenient sight gauge (11) used to monitor the level and quality of oil.
- An optional onboard oil mist system is available to assist in the processing of sticky products. Features programmable timer and adjustable quantity of oil dispersed.
- Integration options — the standard machine as supplied by Urschel is ready to use with a variety of product feeding and collection methods. Other installations may require the removal of the discharge extension (12). In these cases, the discharge must be interlocked directly to a product takeaway device.
- For ease of maintenance, the machine is not equipped with grease fittings. Motor bearings are sealed and lubricated for the life of the bearings.
- Singular illuminated stainless steel guardlock (13) permits opening of access panels after all moving parts have come to a complete stop.
- Extra guardlock switch (14) on the machine frame allows for attachment to additional guarding or product collection system.
- Designed for continuous operation for uninterrupted production. Electrical enclosure rated NEMA 4X IP66 for a high level of protection from water (15).
- Simple to use tools and detailed operating manual accompany each Affinity CD-L Dicer (16).





# Affinity® CD-L Dicer

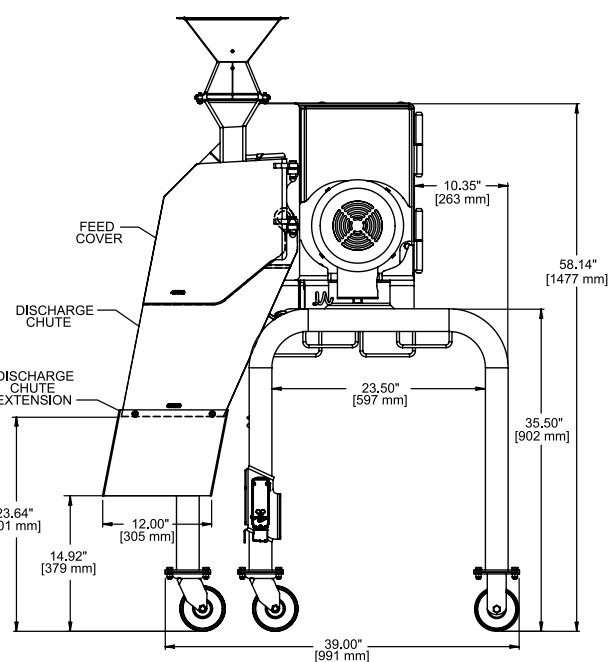
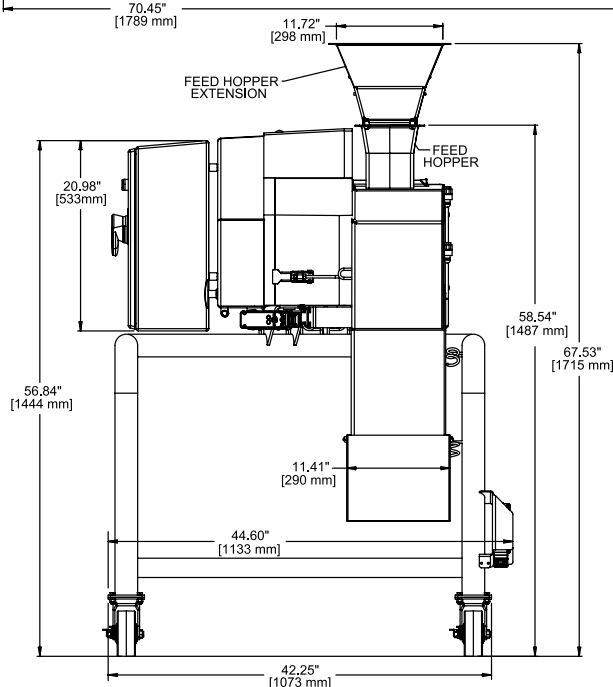
## DIMENSIONAL DRAWING



### SPECIFICATIONS

**Length:** 42.25" (1073 mm)  
**Width:** 45.89" (1166 mm)  
**Height:** 67.53" (1715 mm)  
**Net Weight:** 1100 lb (499 kg)  
**Motor:** 5 HP (3.7 kW)

Net weight will vary depending on parts shipped with machine.



The Complete Line of Affinity® Dicers Designed to Meet Your Production Goals.



**Affinity® CD-L Dicer**  
2-D, 5 HP (3.7 kW) Motor



**Affinity Integra® Dicer**  
3-D, 10 HP (7.5 kW) Motor



**Affinity® Integra-D Dicer**  
3-D U.S.D.A., Dairy Division Accepted, 10 HP (7.5 kW) Motor



**Affinity® Dicer**  
Heavy-Duty 3-D U.S.D.A., Dairy Division Accepted, 25 HP (18 kW) Motor + 5 HP (3.7 kW) Crosscut Motor



**Affinity® with Conveyor Dicer**  
Heavy-Duty 3-D with Built-in Conveyor, 25 HP (18 kW) Motor + 5 HP (3.7 kW) Crosscut Motor + 1/6 HP (.12 kW) Infeed Conveyor Motor

# URSCHEL®

Set-up a free test-cut of your product:  
[info@urschel.com](mailto:info@urschel.com) | [www.urschel.com](http://www.urschel.com)

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⌘ The Affinity CD-L may contain parts protected by patent nos. 6883411, 9296119, 9604379, and 9855669.

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provider of industrial cutting machinery throughout the world.

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