

Vegetable Dicing Machine 3DD

www.jegerings.com



JEGERINGS.COM B.V.

Stationsstraat 130
5751 HJ Deurne
The Netherlands

T +31(0)493-31 23 71
M +31 (0)6-47 88 09 84
E info@jegerings.com
I www.jegerings.com

IBAN
BIC (SWIFT)
BTW/VAT no.
KvK/Trade reg.

NL14 ABNA 0454 7116 70
ABNANL2A
NL 8628 32 251 B01
83330925

General

The vegetable dicing machine 3DD is perfectly suited for cutting both vegetables and fruits. The product to be cut enters the 3DD through the input funnel and is led to the knives by means of a rotating drum. The three-dimensional cutting system — consisting of a slicing knife, a circle knife set, and a crosscut knife set — cuts the products with rotating knives.

[Product demonstration video of the 3DD](#)

Cutting possibilities

- **Slicing:** continuously variable 1 – 13 mm for slices and onion rings
- **Strip cut:** 2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 20 mm for (julienne) strips
- **Dicing:** 5 – 7.5 – 10 – 12.5 – 15 – 20 mm for dice



Slicing knife holder

Cutting sets



Comb 2.5 mm

2.5 - 3 mm cutting set

This is the smallest size cutting set and is very useful to cut products into small cubes, flakes and particles. This cutting set is also well-suited for cutting special products such as broccoli and cauliflower rice. Other examples are carrot cubes, finely chopped garlic, finely minced onion and chili flakes.



Circle Knife Roller 2.5 mm



Carrot 2.5 x 2.5 x 3 mm



Garlic 2.5 x 2.5 x 3 mm



Chili 2.5 x 2.5 x 3 mm



Cross Cut Knife Roller 3 mm



Comb 5 mm



Circle Knife Roller 5 mm



Cross Cut Knife Roller 5 mm

5 mm cutting set

While the 2.5 - 3 mm set resembles a brunoise or minced type of dicing, the 5 mm cutting set will cut into a small (Macédoine) cubes. When leaving out the 5 mm cross cut knife roller, you will also be able to cut 5 mm thick julienne strips with this cutting set. Examples of product that are commonly cut with the 5 mm dicing set are carrots, turnip, celery, paprika, onion, kiwi, papaya etc.



Carrot 5 x 5 x 5 mm



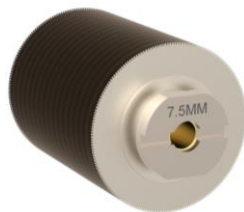
Onion 5 x 5 x 5 mm



Bell Pepper 5 x 5 x 5 mm



Comb 7.5 mm



Circle Knife Roller 7.5 mm



Cross Cut Knife Roller 7.5 mm

7.5 mm cutting set

This cutting set is well-suited for cutting small-medium sized cubes. When leaving out the 7.5 mm cross cut knife roller, this cutting will become suitable for cutting 7.5 mm thick strips. Examples of products which can be diced with the 7.5 mm dicing set are taro cubes, tomato cubes, mango cubes, paprika cubes and many more.

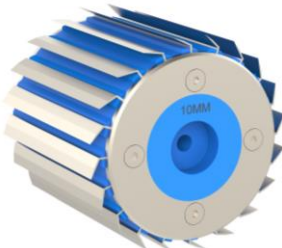
Taro 7.5 x 7.5 x
7.5 mmMango 7.5 x 7.5 x
7.5 mmMelon 7.5 x 7.5 x
7.5 mm



Comb 10 - 15 - 20 mm



Circle Knife Roller 10 mm



Cross Cut Knife Roller 10 mm

10 mm cutting set

This cutting set is one of the most commonly used cutting sets for dicing vegetables and other products. When leaving out the 10 mm circle knife roller, this knife set will also give an excellent quality cut of French fries or other vegetable sticks. The comb of this cutting set can also be used for the 15 mm and 20 mm cutting set.



Carrot 10 x 10 x 10 mm



Cucumber 10 x 10 x 10 mm



Bell Pepper 10 x 10 x 10 mm



Comb 12.5 mm



Circle Knife Roller 12.5 mm



Cross Cut Knife Roller 12.5 mm

12.5 mm cutting set

This cutting set is well-suited for cutting medium-large sized cubes. When the 12.5 mm circle knife roller is left out of this cutting set, you will also get an outstanding quality cut of Belgian fries. Another example of suitable applications for this cutting size are salmon and tuna cubes for poke bowls, beetroot cubes, mango cubes and many more.



Beetroot 12.5 x 12.5 x 12.5 mm



Salmon 12.5 x 12.5 x 12.5 mm



Mango 12.5 x 12.5 x 12.5 mm



Comb 10 -15 -20 mm

15 mm cutting set

This cutting size most closely resembles the size of standard dice and is also of the most commonly used dicing set in our offering. This cutting size is used for a very wide variety of products such as avocado, yam, mushrooms and many more. The comb of this cutting set can also be used for the 10 mm and 20 mm cutting set.



Circle Knife Roller 15 mm



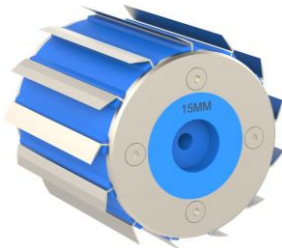
Avocado 13 x 15 x 15 mm



Yam 13 x 15 x 15 mm



Mushroom 13 x 15 x 15 mm



Cross Cut Knife Roller 15 mm



Comb 10 - 15 - 20 mm

20 mm cutting set

This is the largest size cutting set in our offering. This cutting size is perfectly suited for a wide variety of products such as mango and melon for fruit salads. Another example of products that can possibly be cut with this cutting size are meat substitutes such as seitan. The comb of this cutting set can also be used for the 10 mm and 15 mm cutting set.



Circle Knife Roller 20 mm



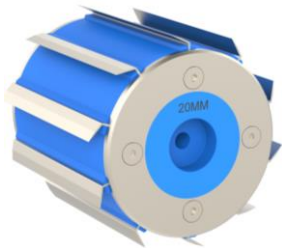
Pumpkin 13 x 20 x 20 mm



Seitan 13 x 20 x 20 mm



Melon 13 x 20 x 20 mm



Cross Cut Knife Roller 20 mm

User-friendliness

- Changing to different cutting sizes is very easy because of the unique system of multiples of cutting sizes. The slicing knife holder is suitable for 2.5 mm's. So the same slicing knife holder can be used for all the other cutting sizes that are multiples of 2.5 mm.
- The circle knife and cross cut knife can be shoved on and off very easily to the spindle.

Sustainability

- The machine is completely made of stainless steel. All technical components are from renowned brands.
- All technical components are inside the machine; therefore they are perfectly protected against water.
- The machine is produced in our own factory and that is why we call it true Dutch quality.

Cleaning/ hygiene

By only pressing one button it is possible to open both the input and output funnel, so both the inside and outside of the machine can be cleaned with a hose. Also the set of knives can be very easily (dis-)assembled.

Safety

On the input and output funnel are water resistant (IP-67) sensors mounted. If the machine is opened while running, it will stop immediately. Therefore it is impossible to reach into a rotating knife. The 3DD dicing machine will also always be delivered with a pair of cut resistant gloves which the operator should wear while changing the knives.

Optional

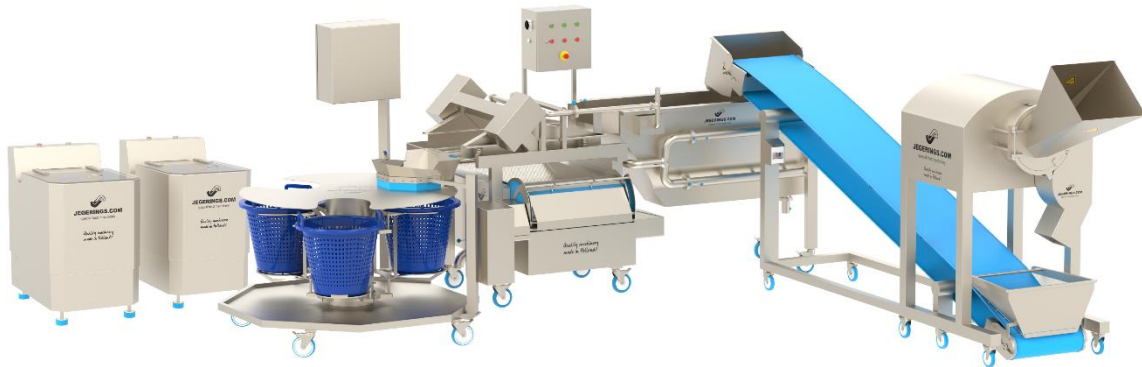


Knife Rack

This knife rack is a perfect addition to the 3DD dicing machine if you need to store multiple knife sets of the 3DD. There is space to store a total of 9 knife rollers inside the knife rack while on top of the rack there is plenty of space to store the combs, gloves and other accessories of the 3DD. Similarly to the 3DD dicing machine itself, the knife rack is fully made of stainless steel and has four stainless steel brake castors.

Integration in a complete vegetable processing line

The 3DD dicing machine can also be seamlessly integrated in a vegetable processing line for cutting, washing (sorting) and drying vegetables. Similarly as with the 3DD, the entire processing line is well-suited to process a wide variety of vegetables. The exact configuration of the machinery and accessories of this processing line will be dependent on the processing requirements of the client.



The 3DD dicing machine in a vegetable processing line for cutting, washing, (sorting) and drying vegetables

Technical data

Capacity	up to 2000 kg per hour
Electrical data	3 Ph / 400 V / 50 Hz / 3 A*
Power	1.5 kW
Dimensions	850 x 1470 x 1690 mm
Weight	261 kg, without knives

*The 3DD is electrically adaptable ensuring its compatibility with local power requirements.

Dimensional drawing

