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INTRODUCING FOODINI

FOODINI, A 3D FOOD PRINTER

The first smart kitchen appliance speeding up the process of making food with fresh ingredients: all via a next generation 3D food printer and IoT kitchen appliance.

We believe that people in the world would be healthier if everybody eats freshly made wholesome meals and snacks. We want to make it easier and faster for everyone to create fresh, healthy foods made with real ingredients. As such, we are creating a new generation kitchen appliance. We call our first product Foodini: the first 3D food printer contributing to a healthy eating lifestyle.

Fresh food   **Capsules**   **Foodini**

The premise of all 3D printers is that you become the manufacturer, you are the maker. The same concept applies with Foodini: you become the manufacturer, and you control what ingredients go into your foods. Foodini works with food capsules that people can fill with their own ingredients or, in the future, can acquire from food retailers and brands.

People are never forced to buy pre-filled food capsules. Foodini ships with empty stainless steel food capsules, and people can print with fresh, real ingredients, having total freedom and control over foods printed and in what form. We know there is a part of the market that has a demand for pre-filled food capsules, so that will be an option in the future. But it will always be an option, never required.

Company name:	*Natural Machines (est. 2012)*
Product name:	*Foodini*
Category - tech:	*3D Printers; IoT (Internet of Things)*
Category - household:	*Kitchen Appliance*
Installation:	*Comes fully assembled; plug & play*
Connection:	*WiFi Connected Appliance (connected to the internet)*
Food Capsules:	*5*

ADVANTAGES

Create fascinating food designs
Automate food preparation tasks
Present food in extraordinary ways
Customize dishes to amaze customers
Use IoT data to track food printing statistics
Foodini takes over hard/repetitive food prep tasks
Cleaner food forming - no messy hands
Don't rely on prepackaged food, make your own
Encourage kids to eat healthier

How long does it take?

No one is going to wait hours for dinner, so Foodini has to be fast.

Print times depend on the ingredients, the recipe, and quantity you are printing. Some things print very fast in a matter of minutes (e.g., flatter type foods like crackers, simple plate decorations), while other things take longer times (e.g., intricate chocolate sculptures can take 20 minutes to print.)
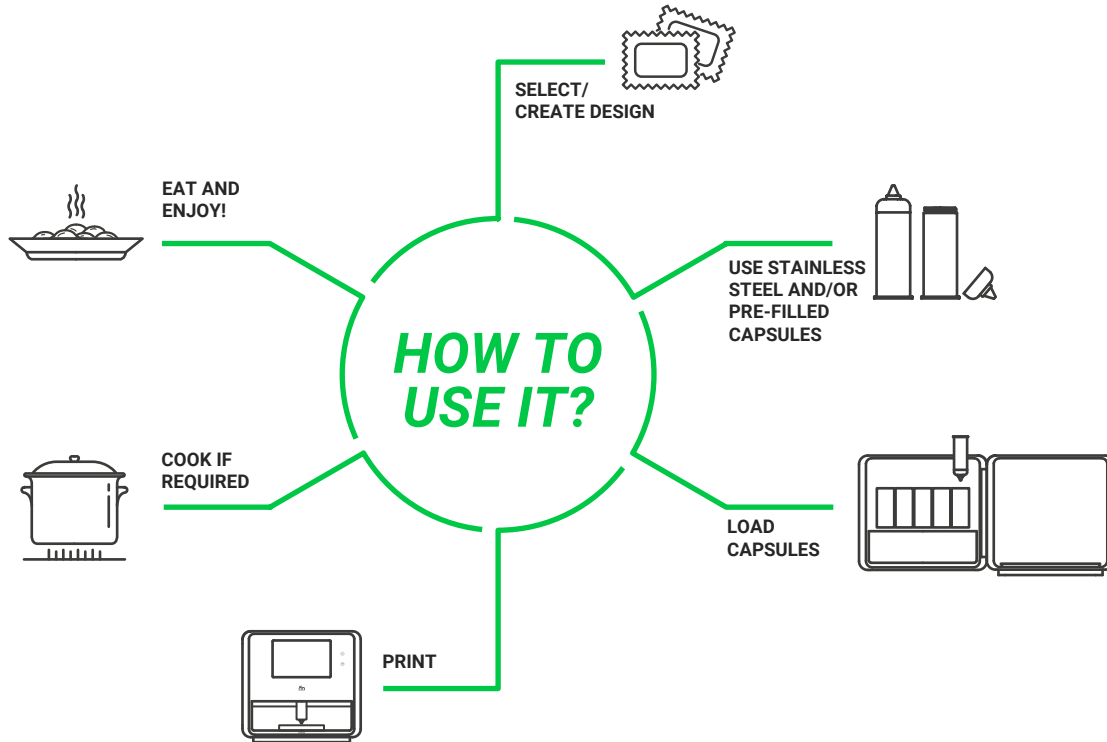
Some estimates:

≈ 20 Seconds	Crackers
1 ≈ 10 Seconds	Decoration of dishes
≈ 2 Minutes	Bread
3 ≈ 10 Minutes	Cookies
≈ 5 Minutes	Geometric shapes
5 ≈ 7 Minutes	Quiche shapes
7 ≈ 20 Minutes	Pasta
10 Minutes	Burgers, nuggets or pizza
10 ≈ 15 Minutes	Cakes
10 ≈ 30 Minutes	Any kind of chocolate figures

HOW IT WORKS

SELECT/ CREATE DESIGN

EAT AND ENJOY!

USE STAINLESS STEEL AND/OR PRE-FILLED CAPSULES

HOW TO USE IT?

COOK IF REQUIRED

LOAD CAPSULES

PRINT

CREATOR

Foodini Creator

Foodini Creator is our easy-to-use print application which comes pre-loaded on Foodini. Use the shape libraries to start designs and recipes, or create them from scratch with Foodini Creator tools.

T **Customize with text**
Print messages and add a personal touch to prints

Import images
Use any image download from the internet or create it in the device

Onboard camera
Use the onboard camera to take a picture of a design to print

Create shapes
Flatter 2D or taller 3D shapes

FOODINI SPECIFICATIONS

1/ Foodini dimensions

2/ Printing volume, maximum

3/ Weight
  20 kg
  44 lbs 1oz

4/ 10" Interactive display

5/ Up to 5 capsules, autoexchange
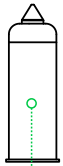
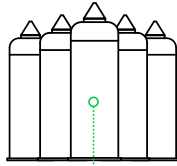**6/ Rotating base, tray diameter**
  27,5 cm
  10.82 in

7/ Capsule bay heater max temp
  80 ºC
  176 ºF

8/ Capsule volume
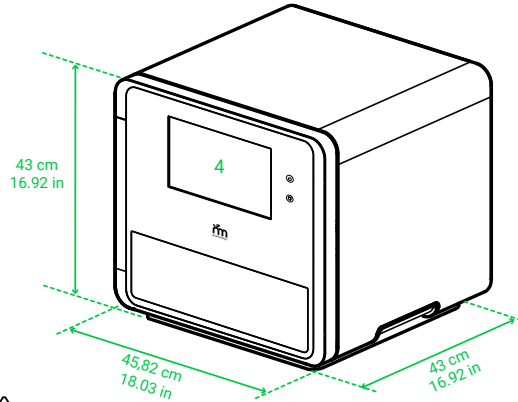

Each capsule
100 ml
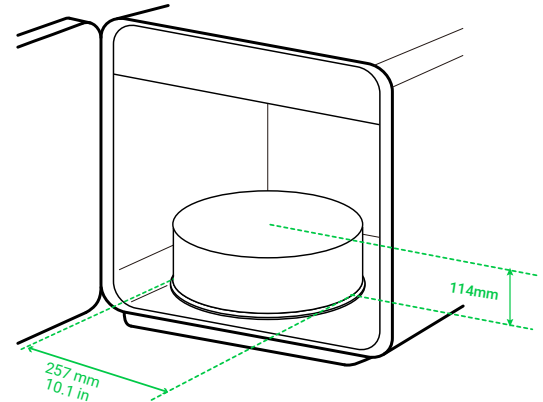3.38 oz

5 capsules in total
500 ml
16.9 oz

9/ Power supply 110V – 220V

10/ Max power consumption: 300W

43 cm
16.92 in

45,82 cm
18.03 in

43 cm
16.92 in

114mm

257 mm
10.1 in

- Powered by Android
- Connected to Internet through WiFi (not necessary for all operation modes)
- Multiple user profiles possible in every device
- Standard warranty: consumer use 2 years, professional use 1 year. Extensions available.
- Very easy to clean: Only capsules and dish in contact with food
- No maintenance required
- Remote assistance possible through embedded cameras
- Possible to post videos and pictures of prints on social networks directly from the device.

FOODINI ACCESSORY BOX CONTENTS:
INCLUDED WITH EVERY FOODINI

CAPSULE PRESSES (5)

KEY (1)

CAPSULE TAGS (5)

SILICONE MAT (1)

Foodini comes
with 5 nozzles

CAPSULE BODIES (5)

Nozzle
Ø 0.8mm (x1)

Nozzle
Ø 1.5mm (x2)

CAPSULE NOZZLES (5)

Nozzle
Ø 4mm (x2)

DISH (1)

CAPSULE HOLDERS (5)

TEST CUP (1)

SAVORY

SWEET

FRESH

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