



# ENCAPSULATOR LINE OF CBD OIL SOFTGELS

PRESENTATION 2020

# New double technology

VEGAN AGAR & GELATIN CBD OIL SOFTGEL CAPSULES

## EQUIPMENT

We sell the equipment line for the production of CBD oil and Cannabis oil soft gel capsules

## TECHNOLOGY

Open source code. Free patent. No restrictions. No analogues.

## CONDITIONS

Royalty free. Raw materials are available on the open market.

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## PRODUCT

CBD, Cannabis, Hemp and Herbal oil softgel capsules. The capsule shell of plant material agar or gelatin.

## GMP STANDARD

The equipment line meets all modern requirements for the production of CBD oil softgels.

## SERVICE

Learning step by step. Advice and assistance in starting a business.

# CBD Encapsulator

TEAM CBD OF PROFESSIONALS



## About Our Company

FOUNDED IN EUROPE 2018

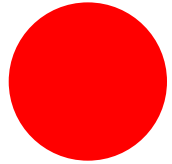
We offer our clients a know-how worldwide. The unique equipment Encapsulator for production of CBD, CANNABIS, HEMP oil softgels capsules, encapsulation of oil in a capsule cover, filling of the capsule oil. The received production (capsules without seams) has the name - soft seamless vegan capsules. We actively introduce the new technology of capsulation allowing to do capsules without production wastes among CBD oil producers. Having extensive experience of production of vegan capsules, we help our clients until release of finished goods.

All encapsulated equipment used in this technology is manufactured by our company and today remains to the most available at the price in the pharmaceutical market of the whole world. Unconditional advantage of a capsulation is the high efficiency of the line, use of effective price raw materials, the absence of defects and lack of production wastes.



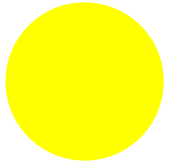
# Soft gels capsules characteristics

NEW OF THE MARKET CBD CANNABIS HEMP OIL



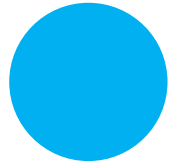
## **Vegan and Organic product**

The round capsule shell is made from vegetable raw materials or gelatin.  
Seaweed NOT GMO. ORGANIC. VEGAN



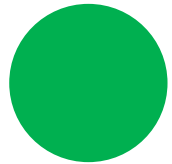
## **Capsule size and shape**

The diameter of the capsules  
4-10 mm / 0,157-0,39 inch.  
The dose of CBD oil 20-400 mg in 1 capsule  
/ 0,0007-0,0141 oz in 1 capsule.



## **Shell properties**

The thickness of the capsule shell  
is 0.02-0.1 mm / 0,00079 - 0,0079 inch.  
Chews easily in the mouth. Apple flavor.



## **Shell composition**

Agar-agar (or gelatine), plasticizer, food coloring, preservative, distilled water.



# Advantage

## NEW CBD CANNABIS HEMP OIL PRODUCT

### Very thin shell

The capsule has a minimum amount of shell material. This is a fantastically small amount. Shell thickness capsules 0.02-0.1mm / 0,00079 - 0,0079 inch

### No oxygen (O<sub>2</sub>) inside

The technology makes CBD oil capsules without a bubble of air inside. CBD oil does not oxidize for a long time.

### The dose of CBD oil 20-400 mg 0,0007-0,0141 oz

The consumer can use the minimum dose in the form of a soft gel capsule that can be taken in hand.

### Food design

Cannabis oil capsules can be used in the molecular kitchen and pastry to create the WOW effect.

### Quick effect

Small round soft gel capsules can be easily swallowed for children, pets, people with health problems.

### Types of packaging CBD oil softgel

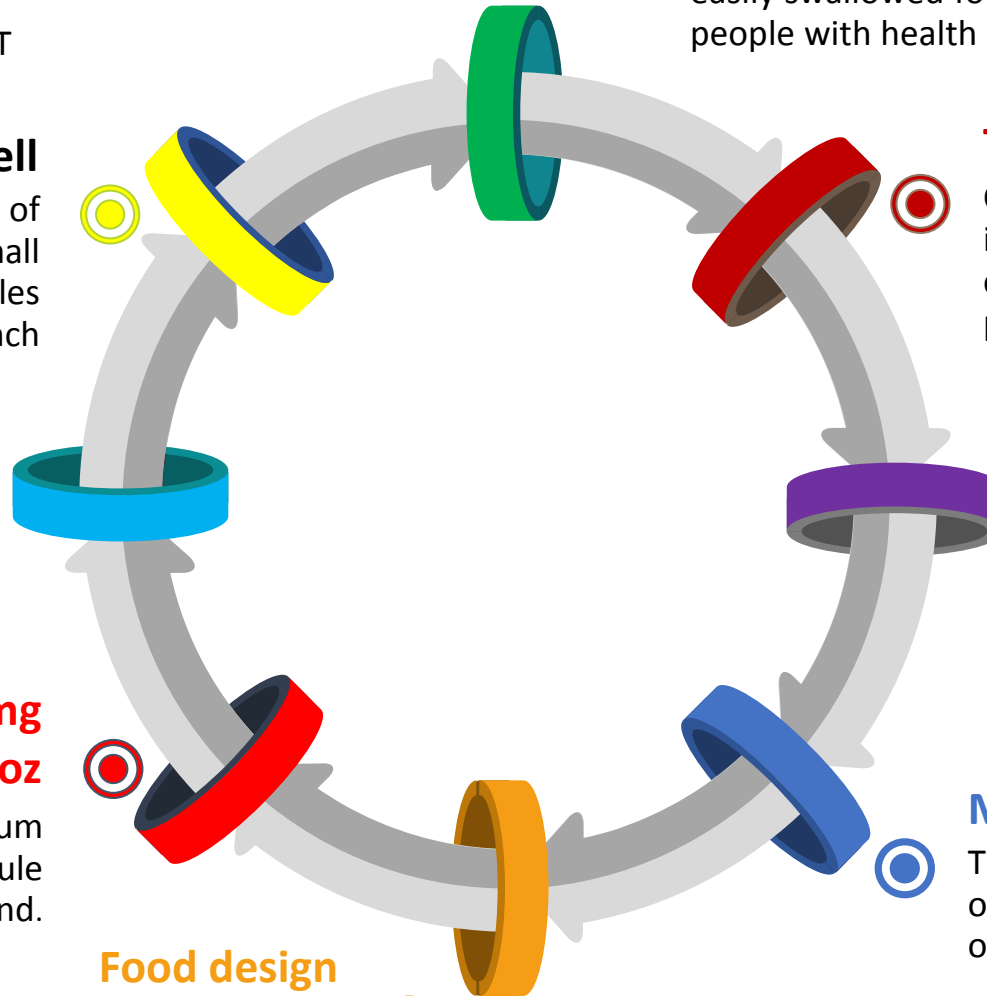
Capsule shape allows you to pack products in blisters, plastic bottles, sachet bags, cardboard boxes. Individual packaging is possible for one capsule with CBD oil.

### Savings policy

In the process of producing soft gel capsules, the amount of waste is not more than 1%. Allows you to get the maximum profit.

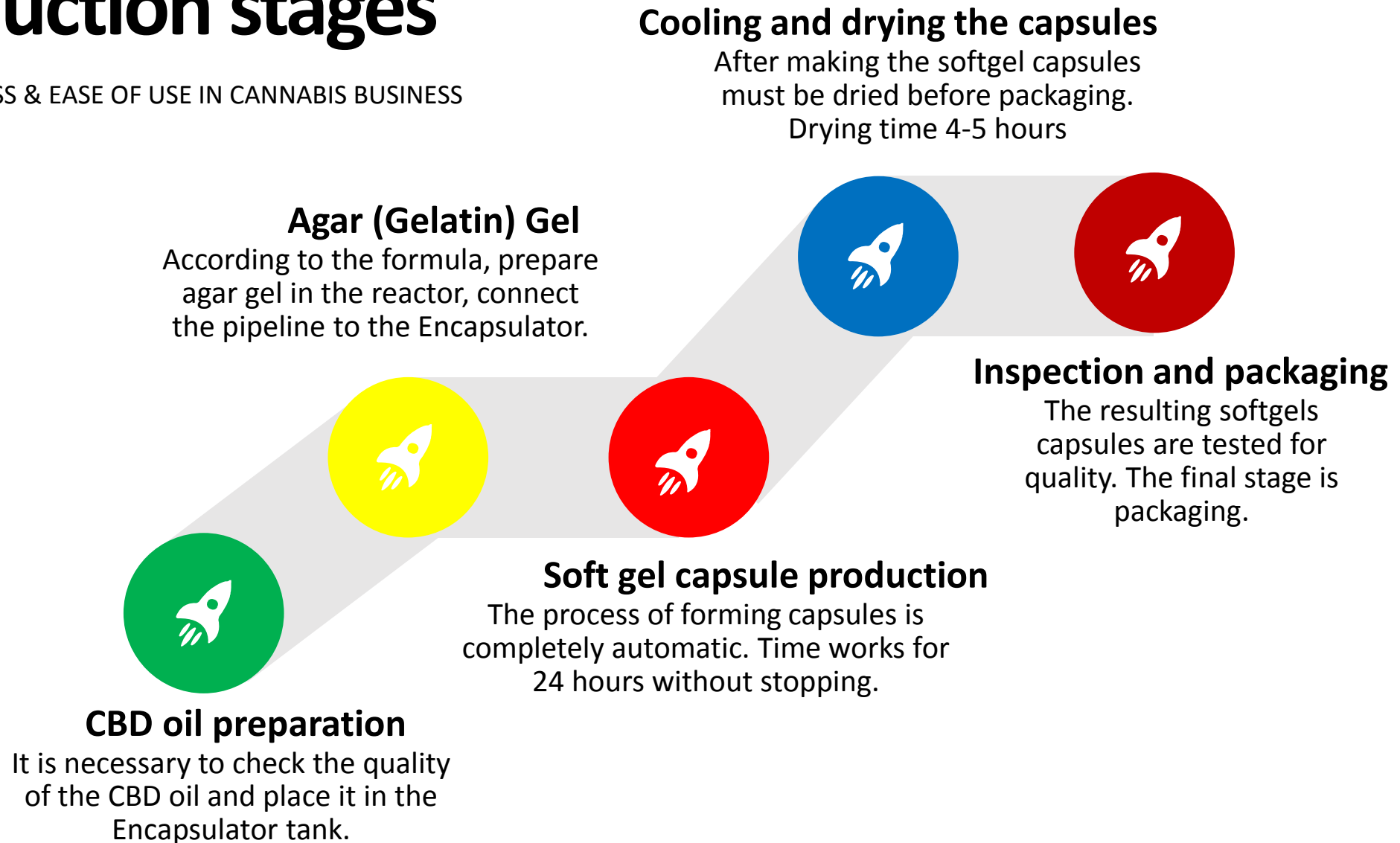
### Mix CBD and other oils

The possibility of obtaining within one capsule several types of cbd oils.



# Production stages

INTUITIVENESS & EASE OF USE IN CANNABIS BUSINESS



# For start-up and factory

MINIMUM INVESTMENT TO START CBD OIL FACTORY

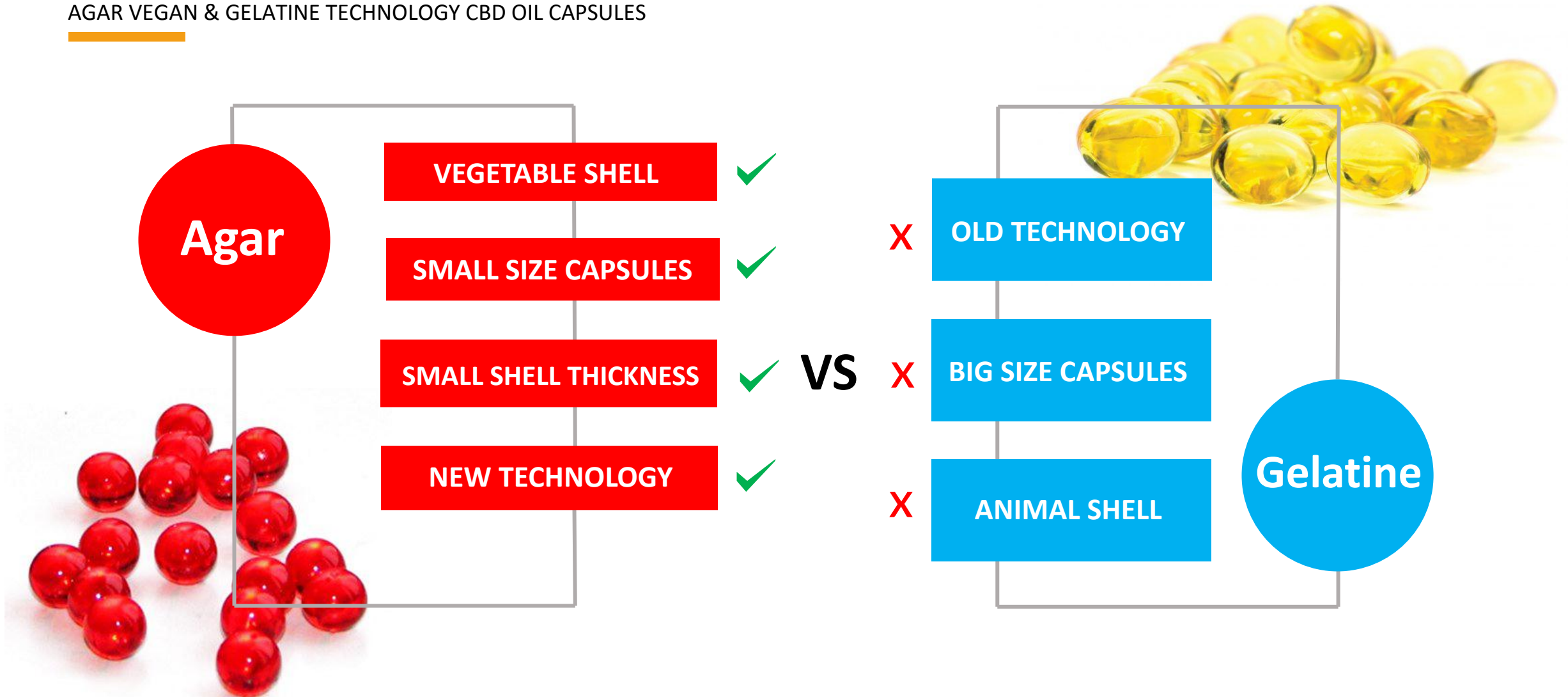


**Only 2 liters / 0,53 gal of CBD oil as the minimum load of equipment for the test or a small batch of products.**

- ✓ Placement of equipment in a small CBD laboratory or room.
- ✓ The ability to service equipment by 2 employees.
- ✓ Compact size and weight of equipment, wheels to move around the room.
- ✓ Easy to manage and clean. It can be used both in the laboratory and in the industrial production of capsules.

# Battle CBD soft gel capsules






AGAR VEGAN & GELATINE TECHNOLOGY CBD OIL CAPSULES





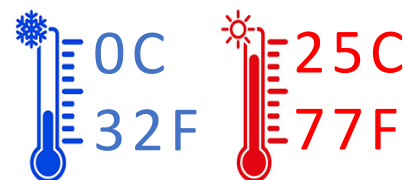
# Specification of capsules

THE SIZE AND DOSAGE CBD OIL SOFTGELS

3MM 0.12INCH  13,14MG 0.0004oz	4MM 0.16INCH  31,16MG 0.001oz	5MM 0.19INCH  60,86MG 0.002oz	6MM 0.24INCH  105,18MG 0.004oz
7MM 0.27INCH  166,93MG 0.006oz	8MM 0.31INCH  249,31MG 0.008oz	9MM 0.35INCH  354,90MG 0.012oz	10MM 0.39INCH  487,30MG 0.017oz



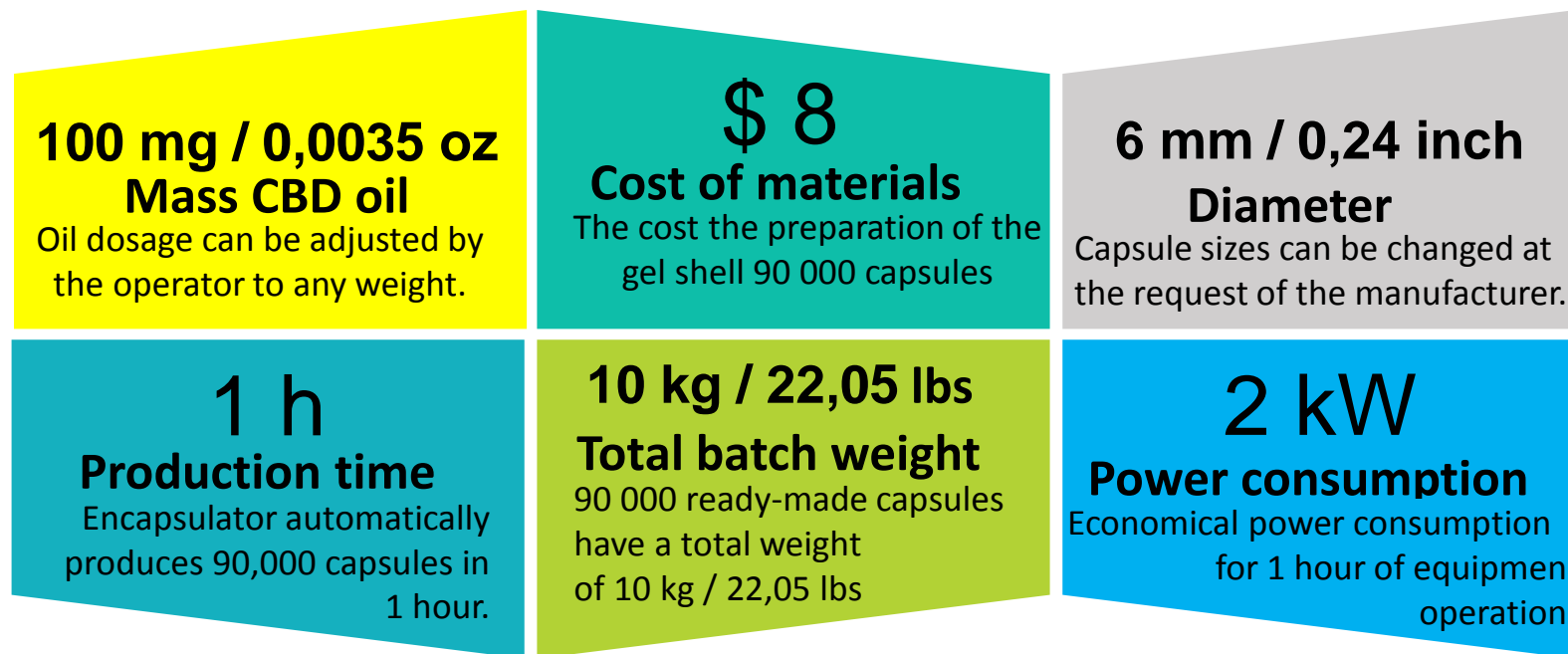
## STORAGE TEMPERATURE



- # NEW TECHNOLOGY ON THE CBD MARKET
- # SHELL OF A SOFT GEL CAPSULE MADE OF ALGAE
- # FRIENDLY VEGAN AND VEGETARIAN
- # FOR REGIONS WITH HUMID AND HOT CLIMATES
- # ENERGY SAVING AND NO WASTE
- # THE USE OF ORGANIC PRESERVATIVES SAFE
- # HIGH ACCURACY OF CBD CANNABIS HEMP OIL DOSE
- # SUPER STRONG AND MINIMALLY THIN CAPSULE SHELL

# Up to 90 000 capsules / 1 hour

COST CALCULATION PRICE EQUIPOMENT



# Specifications

## ENCAPSULATOR CBD OIL INFORMATION

### Capacity

90 000 capsules per 1 hour  
720 000 capsules / working day  
80 kg capsules / working day  
176,37 lbs capsules / working day

### Working temperature

Heating temperature agar gel  
max +100 C / 212 F .  
Cooling temperature of oil  
- 5 C / 23 F

### Operating rules

The recommended working time  
is 12 hours per shift. Continuous  
mode 24 hours a day.



# GMP model

### Materials

All parts of the equipment are  
made of stainless steel  
AISI304 and AISI316. GMP.

### Power supply voltage

Power is 2,5 kW  
For the US, UK, Canada 110V  
For other countries 220V

### Size and weight

Size 900x900x1950 mm  
Size 35,43x 35,43x76,77 inch.  
Net weight 250 kg / 551,15 lbs  
P/Weight 300 kg / 661,39 lbs.

# Cost of equipment (Encapsulator)

ENCAPSULATOR COST CALCULATION



**\$ 42000**

PRICE FOR BIG COMPANIES

**Encapsulator  
GMP MODEL**

PRODUCTION CAPACITY 90 000 CAPSULES / 1H



**\$ 32000**

PRICE FOR A STARTUP AND LAB

**Encapsulator  
GMP MODEL**

PRODUCTION CAPACITY 15 000 CAPSULES / 1H





# Optional equipment

DESCRIPTION LINE

## **Preparation of the gel for 1 day of work**

For the preparation of  
agar gel 50 L/ 13,21 gal  
Heating temperature  
+100 C / 212 F

**Gel tank**

## **Removal of residual oil from the cbd oil capsule shell**

Loading 2 kg / 4,41 lbs  
capsules Rotation  
speed is not more than  
400 revolutions per  
minute.

**Centrifuge**

## **Removal of residual oil from the surface of the capsule**

Loading 2 kg /4,41 lbs.  
Washing time 1-2  
minutes.

**Capsule washer**

## **Capsule placement drying process**

60 plastic trays for  
capsule cbd distribution  
drying process.

**Drying system**

# Optional equipment

50L GEL TANK

## VOLUME

50 LITERS / 13,21 gal  
Rotating agitator for gel mix  
Monitoring of temperature  
Electric heating control system

## TEMPERATURE

Heating temperature agar gel  
max +100 C / 212 F  
stainless steel AISI 304&316

## ADDITIONAL OPTION

Special Gel pump  
Heated hoses 2 pcs x 3 meters  
Mobile electric cabinets



**Gel tank  
GMP MODEL**

**SPECIAL  
PRICE**

**\$ 14000**

# Optional equipment

CENTRIFUGE CBD OIL

## VOLUME

5 LITERS / 1,32086 gal  
Speed adjustment  
a smooth start stop

## MATERIALS

Stainless steel AISI 304

## ADDITIONAL OPTION

Construction on wheels  
Easy to wash and use



# CENTRIFUGE GMP MODEL

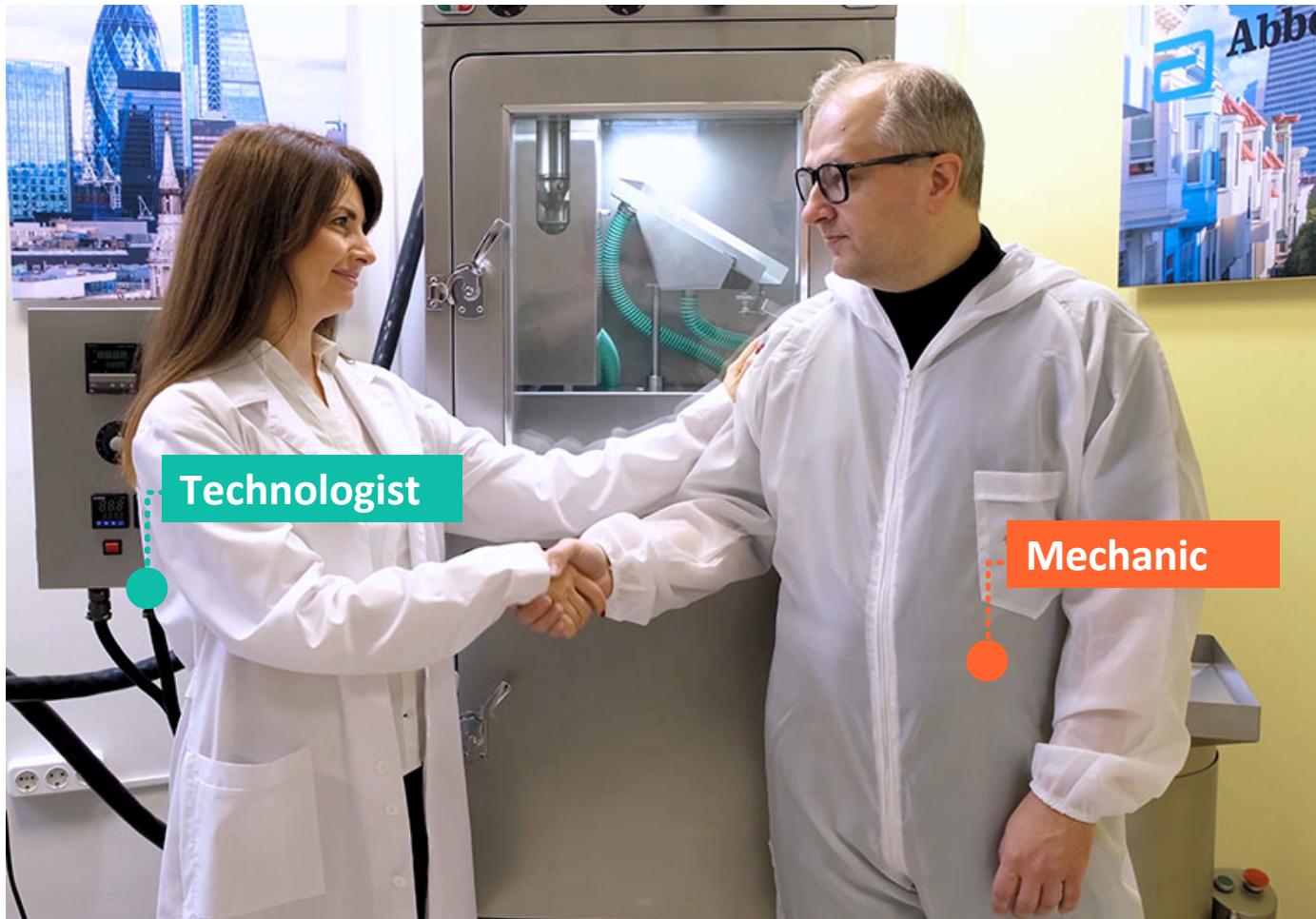


# \$ 4000



# Find maintenance personnel

FIND STAFF AND FUNCTIONS CDB OIL CAPSULES FACTORY



Technologist

Mechanic

## » Technologist cbd oil

Man or woman. Education in the field of food or pharmaceutical production.  
Control of incoming raw materials.  
Gel preparation and loading of CBD oil.  
Check the first capsule samples and adjust the gel.  
Quality control before packing capsules.

## » Mechanic cbd encapsulator

The man. Technical skills. Good vision without glasses. Attentiveness. Ability to operate machinery and equipment.

Preparation of equipment for work.  
Connection of additional equipment.  
Acting as an equipment operator.  
Cleaning and testing equipment.

# Squares for your CBD oil capsules factory

## FACTORY ROOM FUNCTIONS

1

### Laboratory

Area from 100 ft<sup>2</sup>/ 10 m<sup>2</sup>

Control parameters of incoming materials.  
Gel preparation.  
Cooking oil filler capsules.  
Control the viscosity of the gel.

2

### Warehouse

Area from 100 ft<sup>2</sup>/ 10 m<sup>2</sup>

Warehouse of incoming materials. Finished products warehouse.

3

### Production room

Area from 160 ft<sup>2</sup>/ 15 m<sup>2</sup>

CBD oil capsule production. Placement of the entire production line. Encapsulator and additional equipment.

4

### Wash room

Area from 100 ft<sup>2</sup>/ 10 m<sup>2</sup>

Cleaning the surface of the capsules. Preparation of capsules for drying.

5

### Capsule Drying Room

Area from 100 ft<sup>2</sup>/ 10 m<sup>2</sup>

Racks for placing the capsules at the time of drying.  
Preservation of the desired temperature, the separation of moisture from the air, ventilation of the air.

6

### Packing room

Area from 100 ft<sup>2</sup>/ 10 m<sup>2</sup>

Visual quality control of finished capsules.  
Check the weight, thickness of the shell.  
Packaging equipment ready capsules.

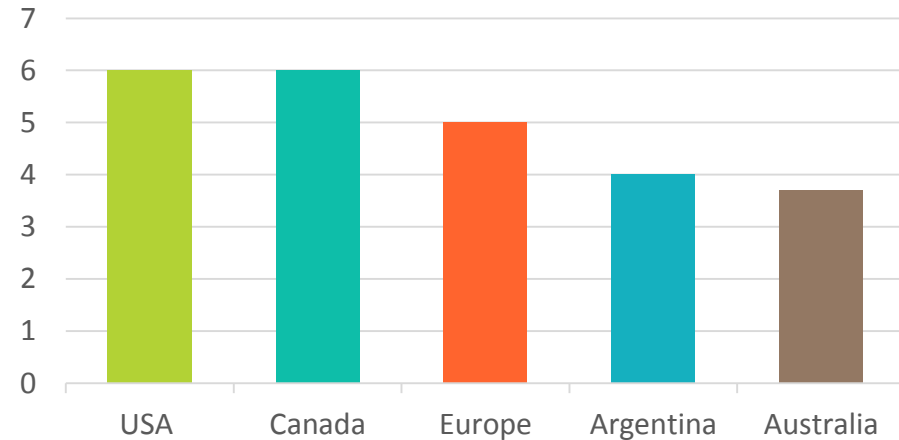
# Search customers

CUSTOMERS AND PARTNERS



## Start CBD oil business worldwide

We invite to cooperation any companies in all countries of the world.



We are the pioneers of the equipment and technology of vegan capsules CBD.  
We are open to all.

# Company - Soft Gel Capsules Technologies Co.Limited

## CONTACT INFORMATION



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