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ENCAPSULATOR LINE OF HEMP OIL SOFTGELS

PRESENTATION 2020

New double technology

VEGAN AGAR & GELATIN HEMP OIL SOFTGEL CAPSULES

EQUIPMENT

We sell the equipment line for the production of Hemp 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 Hemp oil softgels.

SERVICE

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

Hemp Encapsulator

TEAM HEMP OF PROFESSIONALS



About Our Company

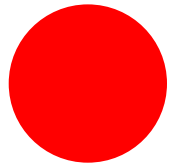
FOUNDED IN EUROPE 2018

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 Hemp 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.

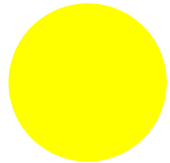
Soft gels capsules characteristics

NEW OF THE MARKET CBD CANNABIS HEMP OIL



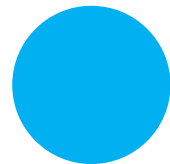
Vegan and Organic product

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



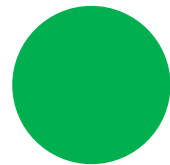
Capsule size and shape

The diameter of the capsules
4-10 mm / 0,157-0,39 inch.
The dose of Hemp 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 (O₂) inside

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

The dose of Hemp 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

Hemp 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 Hemp oil softgel

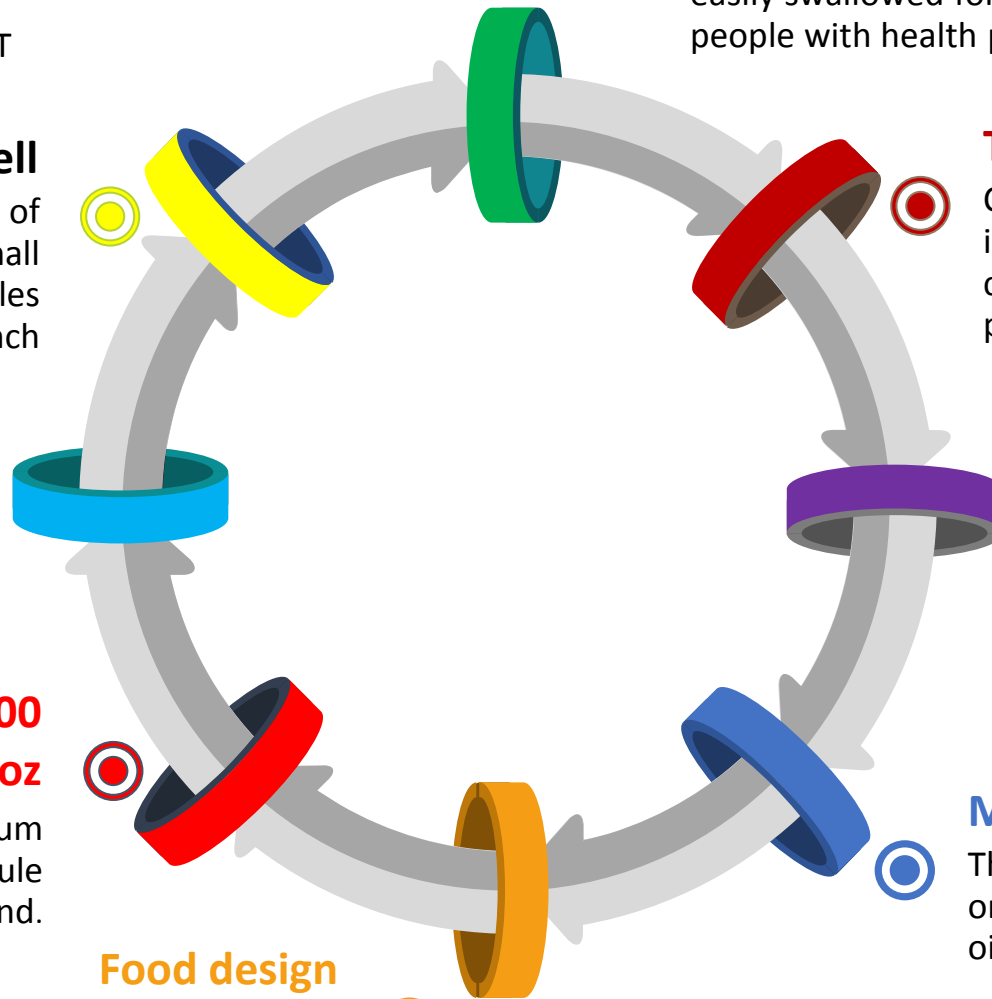
Capsule shape allows you to pack products in blisters, plastic bottles, sachet bags, cardboard boxes. Individual packaging is possible for one capsule with hemp oil.

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.

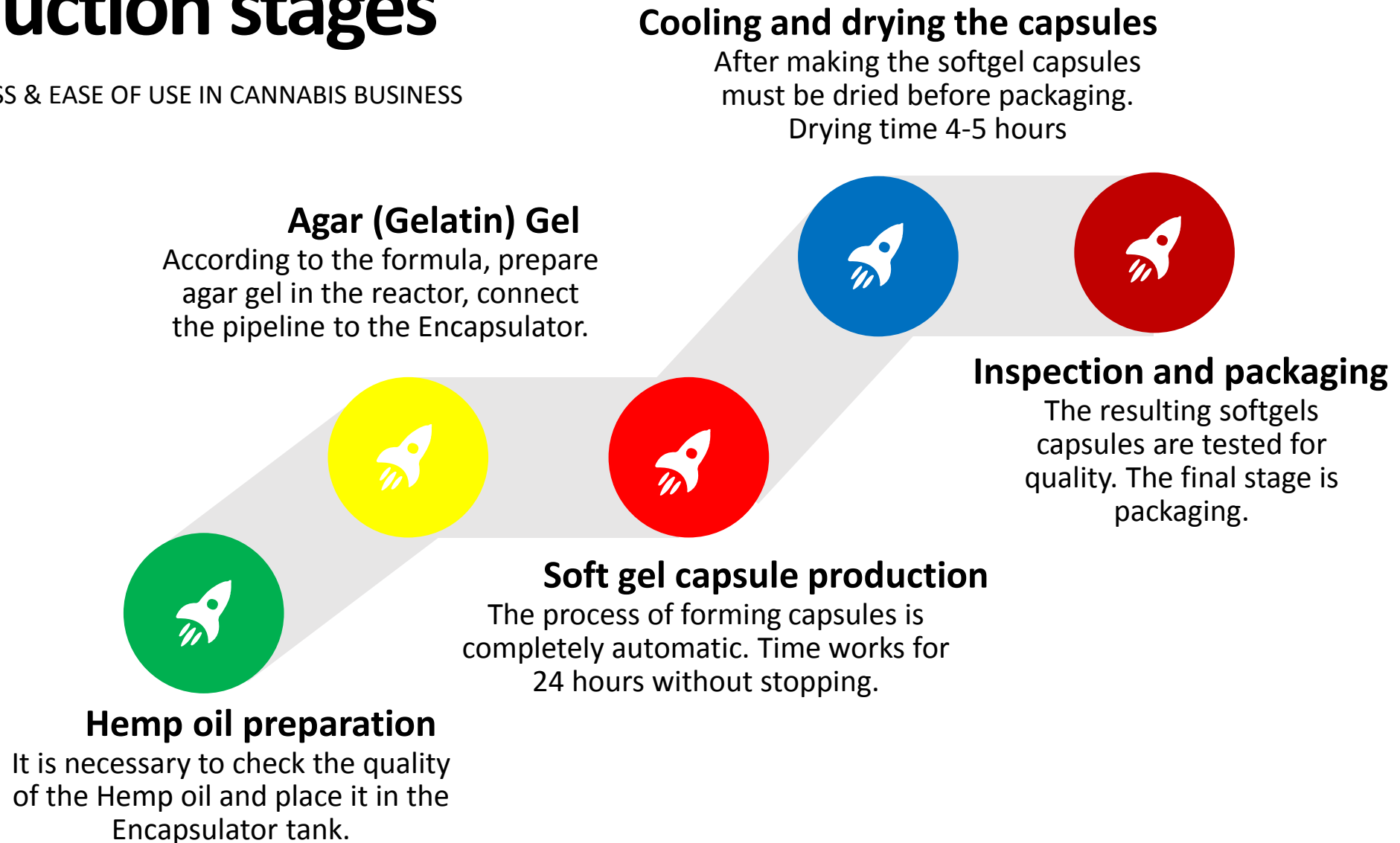
Mix Hemp and other oils

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



Production stages

INTUITIVENESS & EASE OF USE IN CANNABIS BUSINESS



For start-up and factory

MINIMUM INVESTMENT TO START HEMP OIL FACTORY

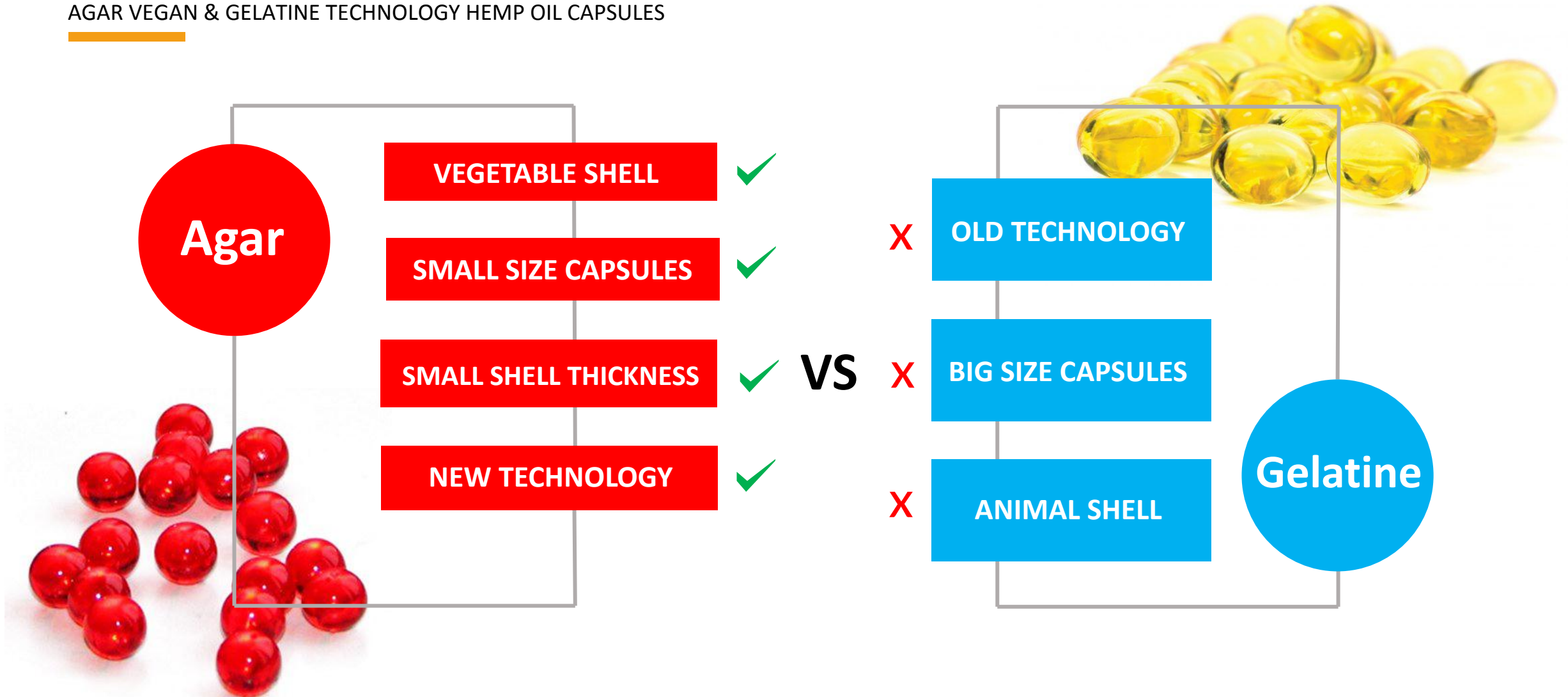


Only 2 liters / 0,53 gal of HEMP oil as the minimum load of equipment for the test or a small batch of products.

- ✓ Placement of equipment in a small hemp 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 hemp soft gel capsules

AGAR VEGAN & GELATINE TECHNOLOGY HEMP OIL CAPSULES



Specification of capsules

THE SIZE AND DOSAGE HEMP 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



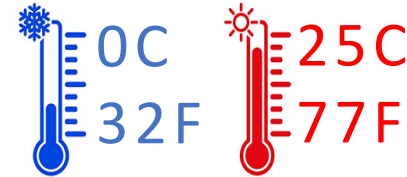
354,90MG
0.012oz

10MM
0.39INCH



487,30MG
0.017oz

STORAGE TEMPERATURE

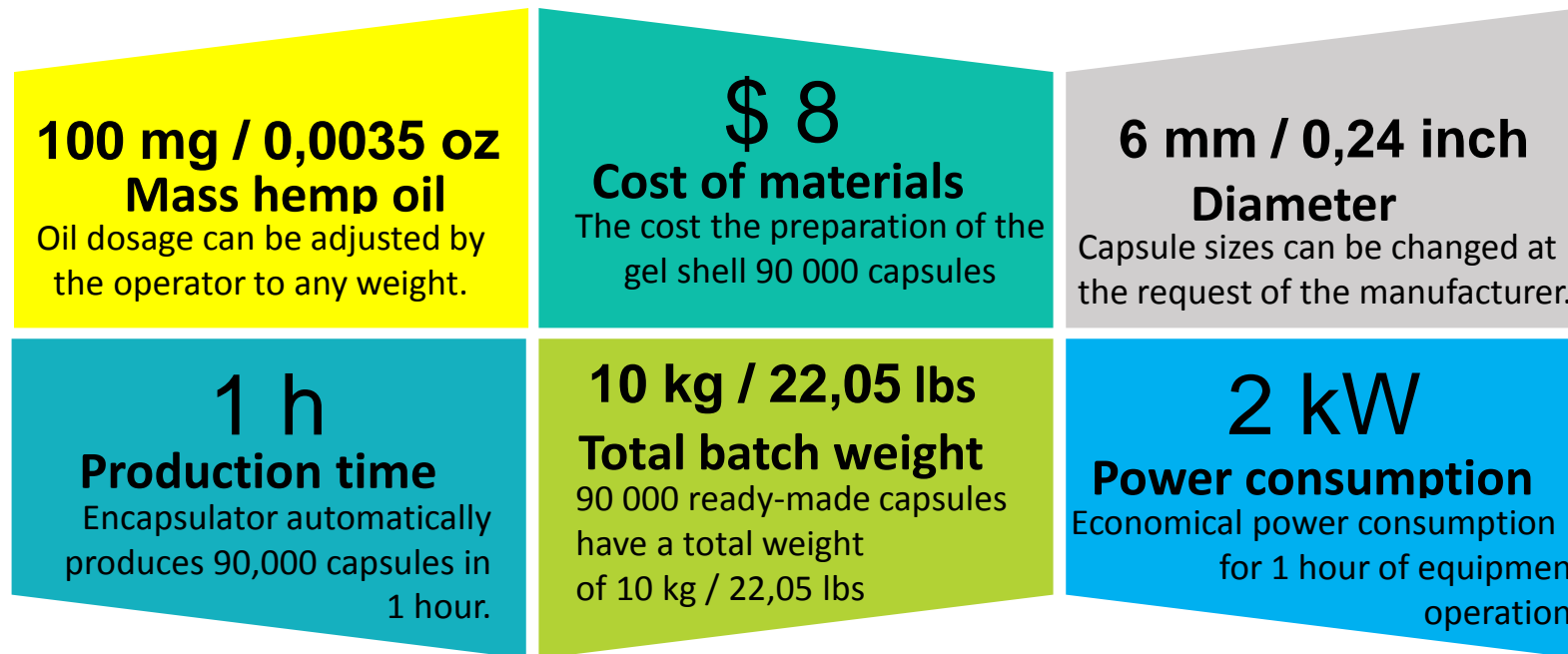


- # NEW TECHNOLOGY ON THE HEMP MARKET
- # SHELL OF A SOFT GEL CAPSULE MADE OF ALGAE
- # FRIENDLY VEGAN AND VEGETARIAN
- # FOR REGIONS WITH HUMID AND HOT CLIMATES
- # ENERGY SAVING AND NO WASTE
- # THE USE OF ORGANIC PRESERVATIVES SAFE
- # HIGH ACCURACY OF CBD CANNABIS HEMP OIL DOSE
- # SUPER STRONG AND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



Up to 90 000 capsules / 1 hour

COST CALCULATION PRICE EQUIPOMENT



Specifications

ENCAPSULATOR HEMP 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 hemp 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**

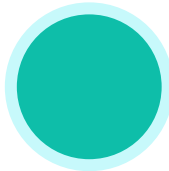
\$ 14000

Optional equipment

CENTRIFUGE HEMP OIL

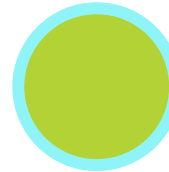
VOLUME

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



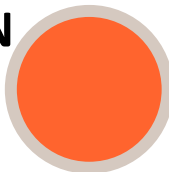
MATERIALS

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 HEMP OIL CAPSULES FACTORY



➤ **Technologist hemp oil**

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

➤ **Mechanic hemp 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 Hemp oil capsules factory

FACTORY ROOM FUNCTIONS

1

Laboratory

Area from 100 ft²/ 10 m²

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

2

Warehouse

Area from 100 ft²/ 10 m²

Warehouse of incoming materials. Finished products warehouse.

3

Production room

Area from 160 ft²/ 15 m²

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

4

Wash room

Area from 100 ft²/ 10 m²

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

5

Capsule Drying Room

Area from 100 ft²/ 10 m²

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 ft²/ 10 m²

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

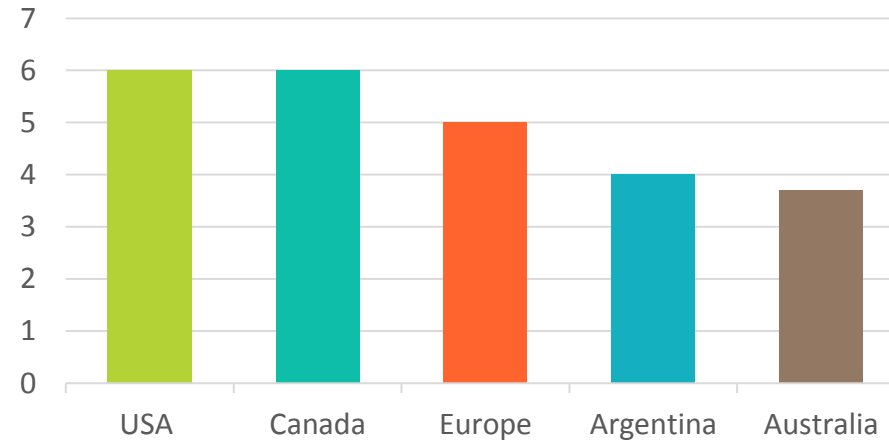
Search customers

CUSTOMERS AND PARTNERS



Start hemp 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 Hemp.
We are open to all.

Company - Soft Gel Capsules Technologies Co.Limited

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