

# **Global Hemp Solutions**

## **CO2 Extraction**

**100 L x 3**

**1,060-2,827 lbs/day**

### **I. Main technical parameters**

1. Extractor: Basket volume 100L, Qty. : 3 Baskets  
Design pressure of extractor: 35Mpa  
Maximum working pressure: 32MPa  
Design temperature of extractor: Room temperature ~80°C
2. Design pressure of separator I: 20Mpa
3. Design pressure of separator II: 12MPa
4. Design temperature of separator: room temperature ~80°C
5. Max CO<sub>2</sub> flow: 1200L/h
6. Installed capacity: 150KW;
7. The machine covers an area of about 42 ft x 33 ft
8. The highest height of the equipment will not exceed 22 ft.

### **II. The standard of making (two sets spot goods):**

1. Electric Source: 380V/50Hz
2. The pressure vessel is made according to the Chinese pressure vessel standard
3. ASME certified products are used for electrical components in the machine
4. stainless steel material is used in contact with material
5. The central control system of computer automation is adopted to realize the automatic control of CO<sub>2</sub> pressure, temperature and flow rate.

**The automation degree is high, and the process repeatability is good.**

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6. The extractor adopts the auto-control quick-opening open cover structure, and carries the safety interlock.

7. The platform and strut are all made of stainless steel.

## III. Additional Public Appliance:

Name	Main technical parameters	Qty.	Price	Notes
Cooling tower	100T/h (It is designed according to the water inlet of 35 °C and the water outlet of 30 °C )	1	15	With circulating pump
Air compressor	Oil-free air compressor, 0.8MPa, 0.6m <sup>3</sup> /min	1	8	
Three-phase series intelligent variable-frequency power supply	local power: 480V/60Hz Spot equipment power: 380V/50Hz	1	65	Advise customers to purchase by themselves

## IV. Price and delivery time

Price ( FOB ) : **\$493,000USD** / set ( without Three-phase series intelligent variable-frequency power )

**Term of payment:** 50% deposit, 50% balance before shipping.

**Delivery time:** Delivery within 180 days of receipt of deposit.

# Global Hemp Solutions

## V. Our company

Global Hemp Solutions is your all inclusive post-harvest processing and extraction equipment provider. We have partnerships with some of the world's largest and best manufacturers. We not only provide you with the best equipment to help make you successful, we are there every step of the way even after the installation of the equipment. We value long term relationships and are truly here to serve you.



**GLOBAL HEMP**  
SOLUTIONS

All prices and shipping times subject to change. Please contact us for updated lead times and pricing.



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