



TRIMINATOR
BY MOSMAN MACHINERY COMPANY INC.

Box Drying System



NORCAL BUILT TRUSTED GLOBALLY

Everything we do at Triminators starts with the cannabis farmer. Our story began in Northern California when a few grower friends asked us to create a machine that could trim their premium flower at commercial scale. Today we work with the global farming community, providing innovative harvest solutions to help growers increase productivity and profitability in the rapidly evolving cannabis market.

SELECTED BY INDUSTRY LEADERS



Focused

We work exclusively in cannabis, from premium indoor to massive outdoor. Our sole focus is engineering equipment for cannabis and hemp farmers.

Independent

We built our business from the ground up, with sweat equity and our own capital. Like the farmers we serve, we know that being independent gives you the freedom to take real risks and make real changes.

Family and Employee Owned

We are family and employee owned. We know our equipment inside and out and take pride in our work, our customers, and the industry we serve.

Triminators has partnered with an internationally recognized industrial process engineering firm to bring cutting edge drying technology to the CBD Hemp market. Combining Triminators' knowledge of CBD with our partners intimate knowledge of drying processes and engineering we are able to provide cutting edge technology specifically designed for the needs of CBD farmers worldwide. Our design team features over 20 specialized engineers and has been trusted by some of the worlds largest and most demanding companies for their drying needs.

DRYERS TRUSTED BY



Overview

The Triminators Box Dryer is designed for use with the following:

Material: Hemp leaves and flowers

Material Shape: Shredded or whole flower

Material Size: 5/15"- 3" approximate dia

Moisture Content:

Input: 80%

Output: 10-13%

Heating Temperature: User controlled, ambient up to 194F, 90C

Approximate Drying Time: 10-36 hours

Exterior Dimensions: 34'L x 10' W x 9.75' H

Number of Material Carts: 9



Design Features



High Performance

Our Hemp drying units are innovative drying chambers designed for low operating costs, high terpene retention and maximum efficiency. They are based on the reverse Carnot cycle principle which leverages airflow, a closed chamber, heat pumps and a programmable control system to create the most efficient drying curves and consistent and repeatable end product.

Intelligent Airflow

The airflow system is comprised of multiple sets of axial flow fans, air ducts, cold air inlets and a dehumidification system. Based on the relative humidity in the drying chamber the computer control system regulates a combination of supplementary air, dehumidification and the heat pump to complete the most efficient drying curve.

Simple Control

A proprietary system of temp, humidity and equipment controls work seamlessly to adjust as needed to intelligently control the drying process from start to finish.

Key Components

Equipment	Description
Dryer Body	
Insulation Chamber	Integrated Structural Foam
Interior Walls	Food Grade Plastic
Material Touch Points	304 Stainless is used to meet food grade standards and requirements on all applicable touch points
Heat Source	
Electrical Heat Pump	Emerson 18KW electrical heat pump https://www.emerson.com/en-us
Controls and Electrical Components	
Controls	Siemens Controls https://www.siemens.com
Electrical Components	Schneider https://www.schneider-electric.us/en/

SIEMENS

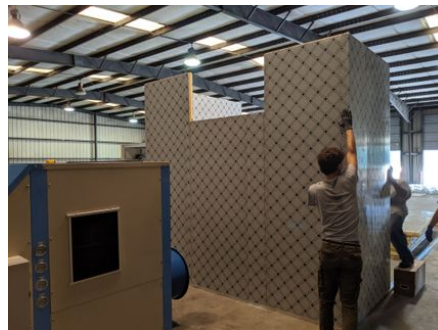
Schneider
Electric


EMERSON

Delivery Schedule

The following schedule is an estimate of production and transportation times for illustration purposes. Schedules subject to change based on production capacity and installation location.

Task	Duration	Start	Finish
Box Hemp Dryer (Standard)	80d	03/09/20	05/27/20
Deposit	1d	03/09/20	03/09/20
Manufacturing	25d	03/10/20	04/03/20
International Shipping	30d	04/04/20	05/03/20
Customs	7d	05/04/20	05/10/20
Domestic Shipping	10d	05/11/20	05/20/20
On Site Installation	7d	05/21/20	05/27/20



Installation Support

On-site support services of 1 technician is included in the price for up to 7 days including travel. Technician shall oversee the installation from a technical perspective and shall commission and train the operations manager at the request of buyer. Travel expenses for service personnel including airfare, lodging, security, and transportation shall be at buyers expense. Travel expenses shall be paid in advance and will be calculated per GSA rate schedule for US locations (<https://www.gsa.gov/travel/plan-book/per-diem-rates>) and the US state department rate schedule for International locations (https://aoprals.state.gov/content.asp?content_id=184&menu_id=78)

Buyer Responsibilities

- Taxes and duties
- Freight
- Permits for construction and operation of plant
- All authority having jurisdiction permits and engineering requirements (AHJ)
- Start-up/calibration services (as required)
- Equipment for construction
- Labor and contractors for construction

Labor & Tool Requirements

Buyer shall be responsible for providing tools, installation staff and equipment necessary for construction of equipment. Buyer shall be responsible for providing all necessary labor and licensed contractors including but not limited to electricians, plumbers, hvac contractors and other technical contractors at the request of Triminor. The following is an estimate only, actual site conditions and quality of labor may require additional labor resources.

Trade	Man Days	Task
Electrician	3	Electrical interconnection
HVAC Contractor	2	Exhaust duct routing
Fork Lift Operator	5	Moving and positioning equipment
General Labor	12	Assembly of equipment (3 people, 4 days)

Site Requirements

All site work is the responsibility of the buyer. The recommendations below should be verified by the buyer and seller takes no responsibility for site work or installation. Guidelines for proper site preparation listed below. UL or ETL certification is responsibility of buyer on site.

- Relative Humidity of <85%
- Site shall be free of corrosive, flammable and explosive gasses
- Foundation shall be engineered to meet all applicable building and engineering codes, laws and standards.
- Electrical power supply