



# GMP DESIGN ENGINEERING

We help you with designing your facilities  
and systems to adhere to GMP (Good  
Manufacturing Practice) standards.

[buffaloextracts.com](https://buffaloextracts.com)



# DESIGN SERVICES



## Facility Design

Designing manufacturing facilities, cleanrooms, and laboratories that comply with GMP guidelines. The design must incorporate the necessary features to minimize the risk of contamination, such as controlled environments, air filtration systems, and proper waste management.



## Equipment Design

Designing of specialized equipment and systems used in manufacturing processes. The equipment must be designed to ensure that it meets GMP standards, is easy to clean, and prevents contamination.



## Process Design

Creating manufacturing processes that comply with GMP guidelines. This includes the selection of raw materials, the creation of Standard Operating Procedures (SOPs), and the development of a Quality Control system.



## Validation and Qualification

Validation and qualification services ensure that the manufacturing process, equipment, and facility comply with GMP standards. Validation and qualification activities include testing, verification, and documentation to ensure that the process is reliable, consistent, and repeatable.

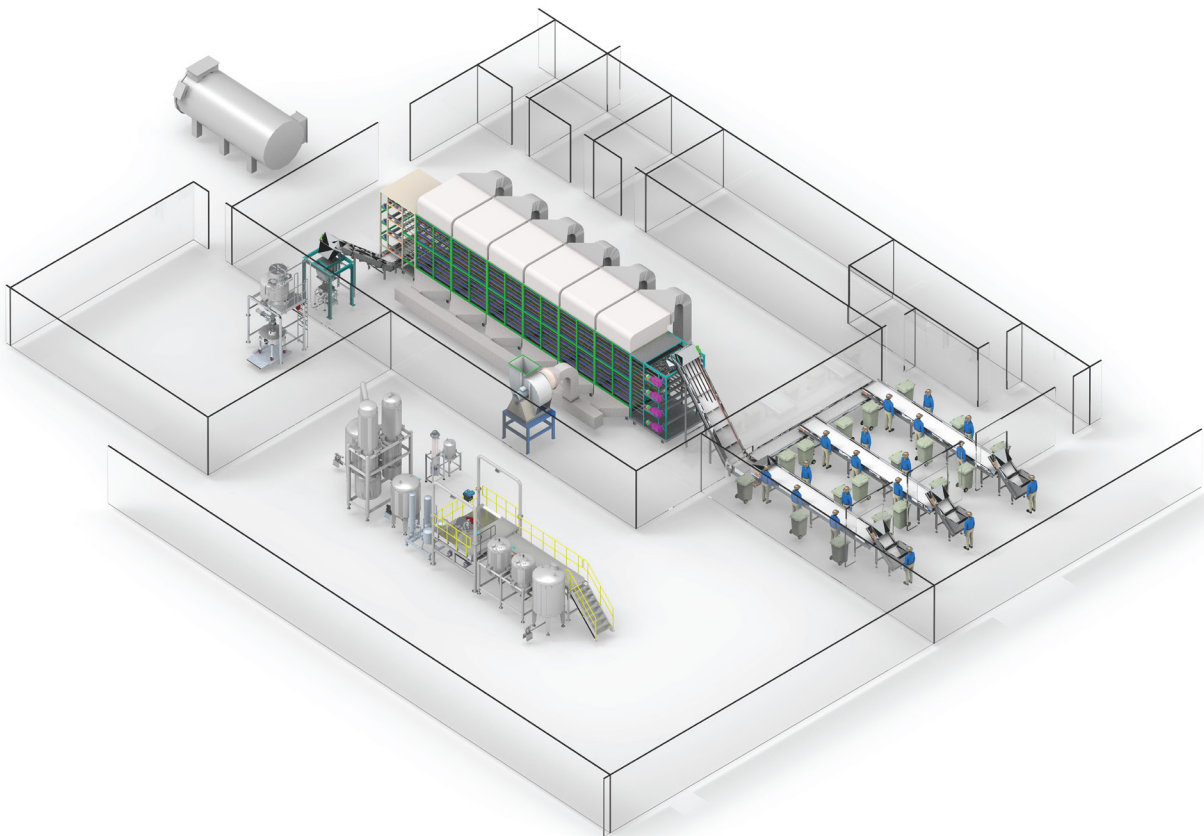
# Certifications



# Our Clients

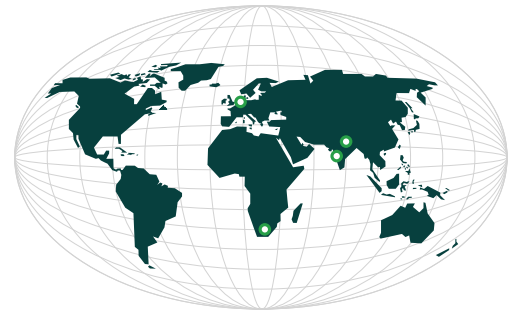


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ENTERPRISES  
IS SERVICES





EXPERIENCE  
EXTRACTION AT  
ITS FINEST.



Founded in Bentonville, Arkansas, USA, Buffalo Extraction Systems is a turnkey solutions provider in the extraction space. We are led by a young, dynamic group of technocrats offering state of the art extraction solutions for Hemp, Cannabis, Bio-products and Nutraceuticals industries across geographies. We have in-house manufacturing for large scale Convection Drying, Cryogenic Ethanol Extraction, Cold Water Extraction and Supercritical Fluid Extraction (CO<sub>2</sub> SCFE) Systems.

## Our Global Extraction Hubs

- |   |                    |    |
|---|--------------------|----|
| 1 | BES Labs           | IN |
| 2 | CIMAP              | IN |
| 3 | CSIR               | SA |
| 4 | World Horti Center | NL |

## Our Turnkey Solutions

Supercritical Fluid Extraction (CO<sub>2</sub> SCFE) System

Cryogenic Ethanol Extraction System

Conveyorized Biomass Sorting, Drying & Milling

Continuous Winterization System

Nordex 100 - Cold Water Extraction System

GMP Design Engineering

## Contact Us

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