

Hemp

UZELAC
INDUSTRIES INC.
DRYING SYSTEMS



Hemp drying is typically used to protect a harvested crop from spoiling prior to CBD extraction. While some farmers will hang dry portions of their crops, the space and labor requirements to accomplish this make this impractical for substantial amounts.

The Uzelac dryer system is custom engineered for the application after determining requirements from conversations with the customer. The infeed and drum are sized based on the desired TPH (tonnage per hour) and time estimated the dryer will be running. This drying process allows CBD extraction to be done over a longer amount of time, increasing yield. We have reduced moisture content from 80% in to 8% out for previous hemp customers.



KF Hemp

UZELAC
INDUSTRIES INC.
DRYING SYSTEMS

| Project Location: | Project Completion Date: | System Size: | Finished Product: |
|----------------------|--------------------------|--------------|-------------------|
| Regina, Saskatchewan | April 2019 | SPD-12000BB | Hemp |

Building a Legacy of Pioneering New Industries.

Kambeltz Farms has emerged as a North American leader in agricultural production and innovation. It has grown to a 60,000 acre source of the world's finest grains, oilseeds, pulses and hemp. Growing, feeding, protecting and nurturing crops is in their DNA.

Uzelac Industries Drying System consists of a 30MM Btu/hr Burner supplied by Maxon, a Uzelac Industries Furnace, a Uzelac Industries single pass drum, 10'-9 1/2" diameter X 48' long, with a 250 HP Fan. Systems Controls designed and provided by Uzelac industries are Allen Bradley Panel View PLC controls. The system is designed to process 10 ton per hour of hemp at 80% moisture content and dry them to 8% moisture content. The system is primarily stainless steel construction.

"The team at Uzelac Industries has been true professionals throughout the entire project. They were exceptional with their equipment and process knowledge during my procurement and evaluation stage. Mike Hobbs and Kon Koelbin had the great ability to simplify and articulate technical processes much better than their competitors which is ultimately why we selected Uzelac for our project. We were the first project for them with a hemp specific application and they had the foresight to modify the layout and capabilities of the equipment that they custom designed for our application, specifically with the conveyance challenges that we faced. They were able to adapt to some unique requests without hesitation and with strong confidence in changes because of their rich experience in the drying industry. The installation instructions were very comprehensive and easy to execute both mechanically and with the controls and electrical service. The Uzelac team was also very insightful regarding many of the support equipment for optimizing our drying process such as monitors, moisture balances, etc. The Uzelac team specifically, John Trzesniewski and JR Weber have been supportive and very accessible throughout the build out of the system through commissioning and continue to be as we've successfully and on schedule entered production operations. It became evident that Uzelac selects the best vendors and partners for the controls, burners and other hardware which has allowed us to locally adapt and modify our process order to best fit our unique and changing process requirements. I would personally highly recommend using Uzelac Industries as a drying equipment vendor and partner, their true passion for the equipment and the drying industry has made them a leader in the industry and a true pleasure to work with."

- Kris Heshka, Vice President of Operation, KF Hemp

