



 **INDTM**
HEMP
OILSEEDS & FIBER



Mission Driven

- IND HEMP is a family owned, mission-driven company that provides innovative agricultural products and services to connect American Farmers with the pioneers and businesses that see industrial hemp as a way to bring real and lasting change to our communities and planet.

Our Vision

- We strive to create value in the hemp industry supply chain as a profitable and sustainable company while encouraging personal relationships with all those whom we interact. Developed as an opportunity to help farming communities, IND HEMP focuses on relationships with their employees, farmers, and customers, all while maintaining an environmentally conscious company grounded in integrity and hard work.

Ken and Morgan Elliott
Co-Founders of IND HEMP



Agronomy and production

9300+ Acres planted in 2020, 4500+ acres Organic

- Family Farms - IND HEMP Contracts and manages production with more than 30 family farms in Montana, Washington and Oregon.
- Grower support- From seed source and planting to harvest, storage and delivery. Our full time Masters Agronomist has boots in the soil on every farm.
- US Licensee of X-59 'hemp nut' hemp grain planting seed variety. Known for great taste and large seed size. Consistent flavor in seed and products.



Our Facilities: Oilseed

IND HEMP operates a purpose built, **state-of-the art, hemp seed food processing** facility in Fort Benton, Montana- the heart of Montana's 'Golden Triangle' of grain production.

We contract industrial hemp grain production with farmers in Montana and across the west for hemp grain to be processed into **hemp hearts, hemp seed oil, and hemp protein powders.**



State of the Art Hemp Processing facility

IND HEMP is currently the largest volume, dedicated hemp grain processing facility in the USA.

Our Fort Benton facility is purpose built to process hemp grain into hemp food ingredients.

We continue to collaborate with strategic partners on equipment and technology to lead the industry.



Our Hemp Food Products



Hemp Hearts : Raw shelled (hulled) Hemp Seed

The crown jewel inside 'nut' or kernel of the hemp seed. The most popular and adaptable hemp seed ingredient. Soft texture, light nutty flavor. Packaged as ingredient and RTE topping for addition to many types of foods. Used to produce hemp milk and other dairy alternatives. Complete and highly digestible protein source, with all 21 amino acids and with 3:1 balanced Omega 6 : Omega 3 fatty acids.

Ultra Pure Hemp Seed Oil:

Cold press expelled from hemp seed grain and filtered through a sophisticated process down to 1 micron. The result is a translucent oil with astounding clarity, free of sediment, and with a light nutty flavor. High in polyunsaturated fats and low in saturated fats, with the perfect ratio for human diet (3:1) of Omega 6 : Omega 3 fatty acids. Functional culinary oil used as edible ingredient or supplement. Used as table oil, in cold oil blends, sauces and marinades. Used in body care, cosmetics and as natural carrier oil for cannabinoid tinctures.



Our Hemp Food Products : Hemp Protein Powders

Hemp protein powders are milled and classified hemp seed cake after expelling the oil from the seed. Hemp protein powders are a complete protein containing all 21 amino acids. Hemp protein is the most digestible protein source in the plant or animal kingdom.



Hemp Plus50 – 50% Hemp Protein Powder : High grade concentrated protein powder. Packaged as ingredient and used raw in smoothies, added to baked goods, snacks and other product formulations. Great way to add nutrition and protein to formulations of all sorts.

Hemp Plus30 – 30% Hemp Protein Powder : Higher Fiber (%35-%40) and lower protein concentration powder. Used in baked goods, snacks and other product formulations for digestible fiber and bulk. Used in pet treats, feed formulations.





Our Facilities: Fiber

IND HEMP is currently constructing a 52,000 sq ft building to operate industrial size decortication equipment. When completed it will be the largest hemp fiber processing facility in the nation and capable of processing up to 40,000 acres.

Fiber decortication is the process of removing the inner woody core from the outer stringy bast fiber, liberating two valuable products from one another and then cleaning and sizing them to meet customer needs.

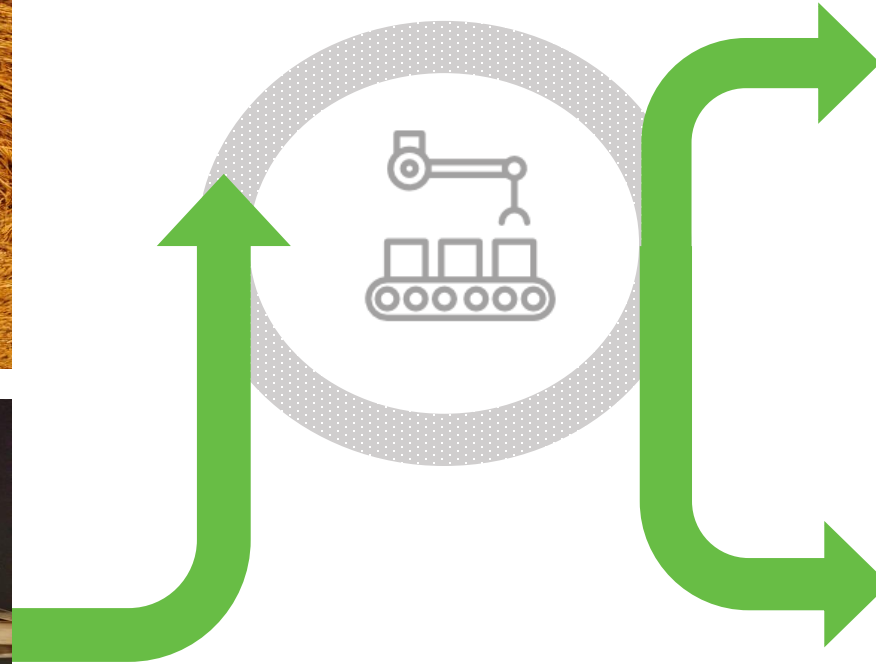




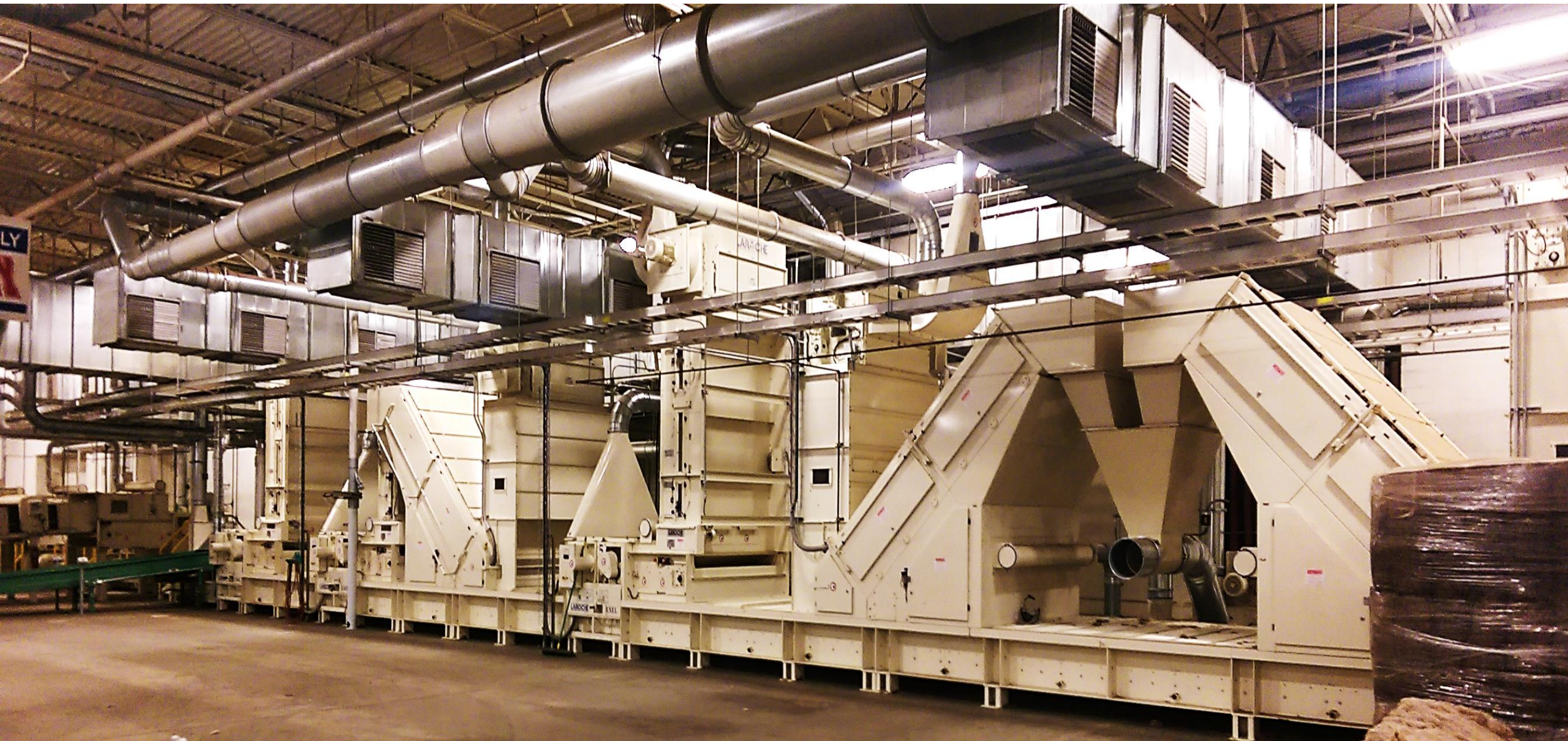




What is primary decortication?



Decortication Processing Line



Superior Performance

Hemp Materials Offer A Combination Of Benefits



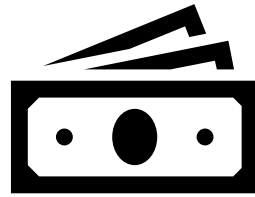
Vibration
Dampening



Water & Oil
Absorption



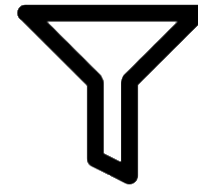
Weight
Reduction



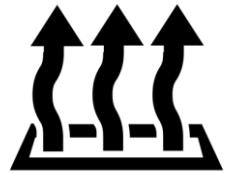
Cost
Reduction



Acoustical
Insulation



Filtration
Media



Thermal
Insulation

Example Possible US Engagements



Animal Care



Pulp & Paper



Plastics



Building Materials



Textiles



Auto & Mobility

What is Fiber Hemp??

- Cannabis Sativa
- Thomas Jefferson
- Raised for “bast” fiber (bark) and “hurd” woody core
- Industrial Hemp
 - Insulation applications
 - Clothing
 - Construction material
 - Plastic composites
 - Supercapacitors
- Farmed like hay
 - 2+ tons/acre production dryland
 - 8ft+ height (dryland) 15ft+ irrigated



Fiber Hemp Timeline



Planting

(Late April-May)



Harvest

(mid August)



Ret/Rake

(Duration dependent on weather condition. Current projection 2 months retting, 1-3 turns)



Bale

(<15% moisture)



Fiber Hemp Harvest

- Mid August flowering date, cut within 2 weeks.
 - Timing not critical for fiber quality, however THC levels may elevate with late harvest
- 1. Cut hemp into windrows or mow with sickle mower
- 2. Assess fiber retting (curing) progress. Turn/distribute windrows with rake or row merger. 1-3 times depending on retting progress.
- 3. After retting complete, bale once straw moisture <15%.





Learn more about IND HEMP

Visit our website today www.indhemp.com