



Cretes
Creative Technical Solutions

Hemp processing solutions by Cretes

Innovating natural fiber
processing for a
sustainable future



About us

Unlocking the future of natural fiber processing

Decades of expertise

At Cretes, we specialize in designing and delivering reliable, turn-key systems for natural fiber processing. With decades of expertise, we provide solutions trusted by businesses worldwide, from Europe to North America and Africa. Our systems are built to process both retted and non-retted straw with precision and efficiency.



**Innovating
natural fiber
processors
worldwide**

Meeting the diverse needs of hemp processors

We pride ourselves on delivering tailor-made solutions that meet the diverse needs of hemp processors, ensuring that each system is flexible, upgradable, and cost-effective. Whether you're just starting out or expanding your operations, Cretes has the technology to help you succeed.

What we offer

High-performance systems designed for your needs

Versatile, efficient and reliable

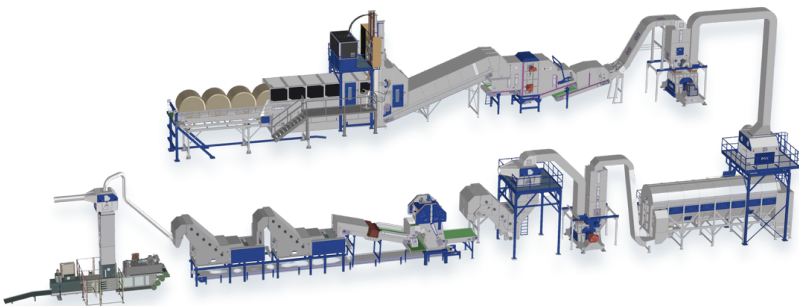
Our systems are designed to handle capacities of 2, 4, 7 and 10 metric tons per hour, with larger setups available on request. Every system we create is customized to optimize your production while maintaining high performance standards.

With Cretes, you get:

- Versatile systems that process round and square bales.
- Solutions for a variety of straw qualities and humidity levels.
- Proven results, trusted by the world's largest hemp processors.



**Delivering
unmatched
efficiency**



Example setup for straw input of max. 4 tph in round bales

Preparing for peak production performance

A Cretes processing line is designed for maximum flexibility, handling both retted and non-retted straw. It efficiently processes round and square bales, with optimal performance at humidity levels between 11 and 15%, and up to maximum 18%

Yield performance

Our technology ensures consistent output ratios, optimized for European hemp varieties.

- 25-28% premium cleaned fiber with <1% shives, depending on setup
- 50 % high-end dust-free shives for premium uses
- 15-17 % dust
- 5-7 % short fiber with entangled shives
- Separation of waste picked up in the bales should be less than 3%



Facility and utility requirements

- The required infrastructure (building, utilities, access) is defined according to the capacity of the processing operation.
- As an example, a complete processing line for a straw input of 7 metric tons per hour needs $\pm 2.400\text{m}^2$ (or 26.000sq ft) of floor space, requires 3 operators per shift and has an installed power supply of 850 kW.
- The processor needs to allow for storage of raw material for a week's production and also ample storage capacity for raw materials.

Why choose Cretes?

Your trusted partner in hemp processing excellence

When it comes to hemp processing, your success depends on technology that's efficient, adaptable, and built to deliver. At Cretes, we've engineered our systems to not only meet industry demands but to exceed expectations. Designed with precision and flexibility, our solutions ensure you extract the maximum value from every bale, whether you're focused on fibers or shives.

What makes our technology special?

- Versatility: Processes both round and square bales effortlessly.
- Flexibility: Handles straw with varying retting and humidity levels.
- Efficiency: Delivers high yields with minimal waste, proven by top processors worldwide.
- Customizable: Fully upgradeable and tailored to your unique needs.
- Eco-Conscious: Dust emissions below 2 mg/m³, with optional noise reduction for quieter operations.

Let Cretes technology transform your hemp processing into a seamless and profitable operation.



Contact Us

Pioneers in hemp processing lines

At Cretes, we design cutting-edge, customized systems to elevate your hemp production. Trusted by leading companies worldwide, our technology delivers efficient, sustainable solutions tailored to your needs.

In this brochure you get a glimpse of what Cretes stands for. Contact us to learn more about our innovative systems, how to plan your production capacity, optimize your facility, and discover why Cretes is the preferred choice for hemp processors globally.

Ready to take the next step?

Get in touch

Cretes

Bissegemstraat 169
8560 Wevelgem
Belgium

+32 56 41 10 94
info@cretes.be
www.cretes.be

