

What We Do

AgroDust is an advanced machine designed to convert dry hay into fine powder, intended for use in the food industry, with a special focus on bakery production. This machine enables efficient processing of hay, turning it into powder that is a cheap and natural source of fiber. The resulting powder can be used as an additive to flour, enriching bakery products with nutritionally valuable fibers. AgroDust represents an innovative solution that promotes sustainability and cost-effectiveness while reducing waste and promoting healthy nutrition.

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AGRODUST HAY-TO-POWDER CONVERSION MACHINE



ABOUT US

Palmcro Ltd. is an innovative Croatian company specializing in the development and provision of services in the field of agricultural technology and sustainable solutions. Our mission is to transform ecological waste, such as the leaves of various types of palms (coconut palm, oil palm, date palm), into valuable and useful products, thereby contributing to sustainable agriculture and global growth

EFFICIENT HAY CONVERSION WITH AGRODUST

We have developed technology that allows for the conversion of hay into fine powder, suitable for use in the food industry. Our machine, AgroDust, is designed for efficient hay processing, creating fiber-rich powder that can be used as an additive to flour in the bakery industry.

Our technology not only provides a solution for the efficient use of hay but also opens new opportunities for the food industry, especially bakeries, offering a cheap, natural, and sustainable source of fiber.

BENEFITS OF MACHINE

AgroDust enriches bakery products with fiber, enhancing their nutritional profile and supporting healthy digestion while being a cost-effective source of fiber that reduces production costs. By converting hay into powder, the machine promotes sustainability by reducing ecological waste and enabling the creation of diverse, high-quality bakery products that meet growing consumer demand for healthier options.

PROBLEM STATEMENT

Hay is traditionally used exclusively as animal feed, limiting its economic value and potential applications. The food industry's need for innovative and sustainable fiber sources is growing, yet hay remains underutilized due to a lack of efficient processing technology. Developing technology to convert hay into fine powder would open new possibilities for its use in the food industry, particularly in bakery products,

