

+ ADVANTAGES

- + Higher sales prices and more profit
- + Reduction in storage space
- + Easy transport
- + Protection of raw material from vermin, dusting or mold.
- + Mixing ratios are maintained
100% certainty about ingredients (e.g. for animal feed)
- + Perfect dosability
enables easy further processing by machine (e.g. bagging plant)

+ APPLICATIONS



EXPERIENCES

ECOKRAFT PELLETING MACHINES IN USE

+ Sheep wool to fertilizer

„Since 2019, we have been working with the Ekokraft pelleting line LP22 to process sheep wool into premium fertilizer pellets. In 2021, we have invested in a second Ekokraft pelleting line for processing various biomass such as insect dung, chicken manure, spelt, soy, etc. into pellets. We are very satisfied with both lines and are a proud technology partner of Ekokraft AG.“



Nature Power Pellets



Pellfa

+ Hay and alfalfa to animal feed

„We produce high quality animal feed pellets from hay and alfalfa. According to our own recipes, we can adjust the composition of the pellets 100% to the animals. This means that seasonal raw materials such as fruit and vegetable pomace can also be added and the feed pellets can be remixed again and again.“

+ Wood chips to energy

„Through the sensible use of the waste heat generated in the biogas plants, freshly harvested wood or wood chips are dried immediately. This stops the natural degradation process and converts the complete energy content. Our Ekokraft pelleting line LP22 helps to transform the dried wood chips into perfect energy pellets.“



Heiss Energie

+ Husk to animal bedding

„Since 2021, we have been pioneers in the production of premium animal bedding pellets from husks and grain waste in Switzerland. By converting them into animal bedding pellets, we can finally make our waste products valuable. Using pellets can save about 70% of the time, as only the contaminated areas need to be replaced.“



Family Marti

COMPLETE PLANT SOLUTIONS

EXAMPLE CONFIGURATIONS

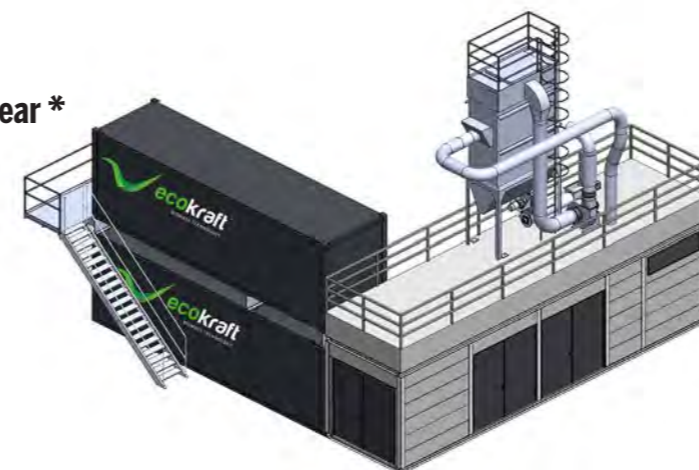
< 1.000 t/year *



1.000 - 8.000 t/year *



8.000 - 35.000 t/year *



LP22-LINE

DUO-LINE

PELLET FACTORY

+ TEST PELLETIZATION

MATERIAL TEST

- Is your material pelletizable?
- How many kg/h can be produced?
- What is the quality?
- For which pellet size is your material suitable?

ECONOMIC ANALYSIS

- How high is the energy consumption?
- Is the investment worthwhile?

We answer these questions by means of an individual test pelletizing of your material and the corresponding profitability analysis. In addition, we can offer you individual calorific value or content analyses following the test.

Get more information today!

490,- EUR
zzgl. MwSt.

WE WILL BE PLEASED TO ADVISE YOU!

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*Depending on material



BIOMASS
TECHNOLOGY



SHREDDING

FEEDING

PELLETIZING

CONVEYING

STORING

PACKAGING

CUTTER MILL

DILIGENT, FAST AND RELIABLE



The **ECOKRAFT SM** cutter mill series is excellently suited for the size reduction of biomasses and plastics with a max. size of 200 x 300 mm. The robust design, the low energy consumption and the very good accessibility allow an effective and economical size reduction to the pelletizable output size of 4 - 20 mm (depending on the material).

Optionally available with a soundproof cabin (see illustration). Can be combined with a special extraction/dust removal system.

MATERIAL CONTAINER

COLLECT, STORE AND FEED



The rectangular material bunker **ECOKRAFT MB** with automatic discharge to the ECOKRAFT pellet mill (also suitable as feed hopper into the cutter mill), is variable and offers 2 to 10 cubic meters capacity depending on the model. To avoid bridging, 2 to 3 special agitators are used, depending on the model.

Integrated sensors automatically detect start/stop signals. Discharge optionally with conveyor belt or screw conveyor. Interior painted with food-safe paint.

PELLET MILL

AUTOMATABLE, FAST AND MOBILE



The **ECOKRAFT LP22** is the new NON PLUS ULTRA in terms of compact pelleting paired with highly efficient control technology. A powerful 22 kW motor, a completely redesigned collating system and a technically simple plug-in system for the integration of further Ekokraft machines characterize this trendsetting pellet mill. A change of the pellet diameter or a change to another biomass can be realized within a short time.

Optionally expandable with temperature monitoring, remote maintenance, app control and SMS module.

SIEVING AND CONVEYING

ÜBERNAHME, COOLING AND SIEVING



Dust-free pellets represent a high quality standard. Thanks to the innovative **ECOKRAFT FT** sieving and conveying technology, the pellets are transported away gently via a conveyor belt and are already cooled down naturally. During screening, the so-called pellet breakage (dust and pellets that are too short) is sorted out. This process represents a considerable increase in the value of pellets for resale.

For optimal use of space, the modules can also be placed across a corner.

BIG BAG SYSTEM

INNOVATIVE, HIGH-QUALITY AND SPACE-SAVING

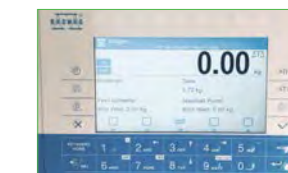


The **ECOKRAFT VA** big bag storage system is a unique solution for safe, internal and external transport, efficient stowed storage and (metered) discharge of solids from the big bags. The big bags are made of a robust, air-permeable mesh fabric so that the fresh pellets can cool down quickly before further processing and that no moisture remains.

Thanks to high-quality components and a stacking function of the racks, this solution provides a space-saving alternative to previous applications.

BAGGING

COMPACT, EFFICIENT AND FAST



The semi-automatic bagging line **ECOKRAFT AS** is the ideal solution for fast and easy filling of pellets, granules or similar materials. The type of packaging is freely selectable (bag, sack or carton). The calibratable precision scale enables you to fill exact quantities and operation is effortless by means of an included foot switch. The integrated frequency converter allows you to adjust the filling speed to the filling quantity. This prevents uncontrolled overfilling even with small filling quantities.

The filling quantity can be adjusted in 20g steps. Minimum filling weight: 400g / Maximum filling weight: 60kg