

+ ADDED-VALUE

+ Higher Market Price And More Revenue

Processed materials sell at a higher price (e.g. saw mill wastes) than in their uncompressed form.

+ Reduction Of Storage Area

Compression of material reduces storage space. (saw dust 3:1 - wood chips 9:1)

+ Easy Transport & Handling

Simpler handling and logistics because of mechanised material flows. (mechanical & pneumatic conveyors, auger)

+ Increased Shelf Life

Compressed materials are less susceptible to damages from dust contamination, mould or vermin.

+ Stable Mixing Ratios

Your custom mix won't segregate during storage or transport. (fertilizer, animal feed)

+ Easier Dosage

Pelletized materials are easier to dose and handle.

+ APPLICATIONS

+ Energy + Animal Bedding + Animal Feed

+ Insulation + Pet Litter + Product Creation

+ Fertilizer



HANDS-ON EXPERIENCE ECOKRAFT PELLET-MILLS IN ACTION

+ Free heating using sawdust pellets

„Our workshop generates quite a large amount of sawdust every day. We are now able to avoid disposal costs and recycle this waste material into valuable heating pellets. We think this is a great solution that has paid itself back in a very short time. Since we started to use the RP18 a year ago we're heating our company's facilities almost for free.“



Martin Gross, Joinery Owner

+ Production and marketing of feed pellets



Andreas Altmeier, Farmer from Upper Bavaria

„We use dried pomace from fruits and vegetables for example apples, raspberries, carrots, beetroot and cabbage to produce animal feed pellets of the highest quality. We create our own mixtures to adapt 100% to each animal. This allows us to make best use of the seasonally available source materials“

+ Pellets for animal bedding

„We consider ourselves a pioneer in creating pellets for horse bedding from rape straw. Now that we're using pellets, it takes 70% less time to clean and prepare a fresh box, since only soiled parts have to be removed. There is also considerably less manure volume which saves 2/3 on disposal costs.“



Julia Dresing, „Pelletmanufaktur“ Germany

MAKE YOUR OWN PELLETS TURN BIOMASS INTO VALUABLE PELLETS



FUNCTIONALITY:

Our range of modular processing equipment is designed to provide small to medium sized businesses an economic and user friendly option to turn their biomass material into valuable, high quality pellets suitable for a huge range of specific uses.

- Humidity of source material <20%
- Pellet-diameters of 3 - 30 mm possible (depending on material)
- 100% pure pellets without binders possible (depending on material)
- Added value and innovative products can be generated through reforming

+ MATERIAL TRIAL

Can your material be pelletized ?

How many kg can you expect per hour ?

What is the quality ?

Which pellet size fits to your material ?

ECOKRAFT offers all of our customers a comprehensive material trial. The information we obtain tells us a great deal about the characteristics of your material and allows us to put together a costed proposal as well as offer you our calculations on payback. We can also offer further analysis on the heating value or ingredients

Call us today!

490,- EUR
plus tax
plus transport



WE ARE AT YOUR SERVICE!

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BIOMASS
PELLETS



 **ecokraft**
BIOMASS TECHNOLOGY

CUTTER-MILL

HARD-WORKING, FAST, RELIABLE



The **ECOKRAFT cutter-mills** are perfectly suited to fray the structure of already small and light biomass and some plastics. The materials are shred to a size that allows pelletization (6-8mm) and can be fed into the pellet-mills. The robust design, accessibility of vital areas and its strong construction paired with the relatively small power consumption make this cutter-mill ideal for an cost-effective and efficient pre-treatment of your source materials.

A version in stainless steel can be ordered as an option. For larger source material sizes we recommend an ECOKRAFT shredder to break up your material to a size of 12-14mm.

STORAGE CONTAINER

COLLECTING, STORING, FEEDING



The **ECOKRAFT MB** with automatic screw feeder is available in two versions, either 2m³ or 4m³. The design & shape is ideally suited for use with a front end loader or telehandler. Material can be temporarily stored in the container before being automatically fed into the pellet press. To avoid bridging or blockages, the unit is equipped with an internal agitator to slightly stir the contents and assist homogeneity.

The Screw feeder delivers the material directly into the pellet press, this 'just in time' delivery helps avoid clogging and promotes consistent performance & quality.

PELLET-MILL

AUTOMATABLE, FAST, 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 engine, a completely redesigned collating system and a technically simple plug-in system for the integration of further EcoKraft machines characterise this trend setting pellet mill. A change of the pellet diameter or a change to another biomass can be realised within a short time.

Modularly expandable to pellet production plant with central control. Optionally with GSM module.

BRIQUETTE PRESS

COMPACT, EFFICIENT, FLEXIBLE



Wood chips, saw dust, wood shavings etc. are generated in virtually all wood-processing industries. This creates huge costs for storage, handling or disposal every day. This specialized briquette press represents an ideal solution for CHP-systems. Whether paper, wood, biomass, foam or styrofoam – the **ECOKRAFT MP** series is suited for them all.

The ECOKRAFT MP produces 30mm briquettes. This special size of briquettes is ideally suited for usage in Biomass CHP, Wood gas generators or wood chip biomass boilers.

SIEVING AND CONVEYOR

TAKEOVER, COOLING AND SIEVING



Dust-free pellets represent a high quality standard. Thanks to the innovative sieving plant from **ECOKRAFT**, the pellets are initially transported away gently using a conveyor and are thus cooled in a natural manner. During sieving, the pellet breakages (dust and pellets that are too short) are sorted out. This process represents a significant value increase for pellets for resale.

For the optimum use of space, the modules can also be placed on a corner.

STORING SYSTEM

SOLUTIONS FOR FURTHER PROCESSING



With the packaging system **ECOKRAFT AS** the most different materials can be bottled fast and efficiently in any packaging units. Available in the implementation with 1m³ material container from steel metal or the variation suitably for the big bag system VA.

The big big system **ECOKRAFT VA** is a unique solution for save internal and external transports, efficient stacked storage and the measured emptying of contents from big bags.