



TURNING BIOMASS INTO ENERGY

Dewatering of sustainable raw materials

Producing energy from biomass has crucial ecologic and economic benefits. Generating heat with renewable fuels such as wood pellets, is environment-friendly and cost-effective.

Reinartz has developed a screw press and has tried and tested it in numerous tests in cooperation with Florafuel, on green cuttings, grass silage and leaves with results speaking for themselves - the high content of water in the raw materials has significantly been reduced by up to 70 % (achieved dry substance values). A factor of decisive importance, because the biomass which shall be processed to pellets or woodchips in a next step must be dry.

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VALUABLE PROTEINS FOR LIVESTOCK

Vegetable proteins from soybeans, rapeseed, etc.

According to Deutscher Verband Tiernahrung e.V. (DVT) the demand for digestible raw protein amounts to 8.38 million tons to cover the protein supply for livestock in Germany alone. Soybean, rapeseed and sunflower seed are first choice when it comes to purely plant-based animal feed.

In cooperation with renowned partners and thanks to our sophisticated technical know-how, we have developed efficient processes for gaining vegetable proteins. Without chemical additives and without destroying important ingredients, our gentle cold pressing technology allows the production of protein-rich press cake as well as top quality edible oil.

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RICE BRAN - AN ALL-ROUNDER

More than "just" a meal ...

Oil produced from rice bran is a coveted product for various applications - such as in the food sector, in the cosmetics industry, for medical applications as well as for animal feed. So-called rice bran which is produced from rice grains has a high content of oil. Beside the numerous possibilities of application of rice oil, valuable Oryzanol can be extracted from it, a high-quality substance for use in cholesterol-lowering drugs, for example.

Usually rice oil is extracted by adding chemical auxiliaries. Within a research project, Reinartz has developed a mechanical and thus solvent-free procedure accomplishing both, oil of finest quality and highest possible yield.

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WE GET THE BEST OUT FOR YOU

Read more on our company at www.reinartz.de



FOR PURE ENERGY

Liquid and solid residue from oil production can be used to harvest bio-energy, just like grass cuttings and leaves.



FOR VALUABLE FATS

Cold-pressed vegetable oils taste wonderful, and are also really healthy with lots of vitamins.



THE PERFECT FEED

Proteins from the press cakes of vegetable residues from oil extraction as well as from degreased insect flour are the basis for nutritious feed.



FOR PURE OILS

Fine oil does not contain any residue. Reliable filtration separates minute particles from high-quality oils.