



YOUR SPECIALIST IN COLD PRESSING TECHNOLOGY

**INNOVATIVE SOLUTIONS FOR
PREMIUM QUALITY PRODUCTS**

**PREMIUM
MANUFACTURER**
—
FOR ORGANIC





The name Reinartz has been standing for innovative strength and competence in engineering for more than 160 years. We are specialist in cold pressing technologies and are continuously developing new, individual solutions for our customers worldwide.

Be it for foodstuff and animal feed, fuels or cosmetics, just to mention a few areas. We are experts in oil pressing and separation processes – since 1853.

HERE YOU CAN GET MORE DETAILS ABOUT US:



REINARTZ.DE

DID YOU KNOW?

World population is continuously growing. According to the German Foundation for World Population (DSW) human population is growing from 7.5 billion now to 9 billion by 2050 because every 2.6 seconds a man is born somewhere on this planet.

More people need more food. An improving quality of life in the emerging countries is associated with an increase in protein requirement.

Consequently, alternatives in protein recovery are urgently needed. Considering the present consumption of resources, we would need three earths in 2050 to cover the demand for food – as to the environmental organisation WWF.

Alternative sources we have already been intensively working on for some years can be the solution. Read more on the next pages.





ANIMAL PROTEINS FROM INSECTS

Insects are widely spread and reproduce rapidly. This is the good thing about it! Insects – above all the black soldier fly – have a high protein content and thus are a very good alternative source for animal feed. Breeding the flies is possible almost everywhere as no fertile breeding ground and little space is needed. Being cultivated on bio waste, the general waste problem in agriculture could immensely be reduced.

The insect flour gained from fly larvae by means of the Reinartz screw presses has a protein content of up to 58%. A tried and tested solution which we have commonly developed and permanently optimised over the last years with Hermetia Baruth, one of the leading innovative companies in this field.

VEGETABLE PROTEINS OF SOYA

Soya includes important amino acids, provides valuable proteins and has a high content of energy. This puts soya on top of the ranking list of the vegetable protein providers for animal feed.

High-protein soya press cake for animal feed as well as high-quality soya oil for the foodstuff industry can be produced with our presses by means of the careful cold pressing process – without addition of chemical auxiliaries, without destroying important substances.

By a controlled preheating, the anti-nutritive factors (ANF) in soya which impair digestion are deactivated. In combination with our presses we offer various process technologies for pressing hulled or dehulled soya – just as our customer requires.

VEGETABLE PROTEIN OF RAPESEED OR SUNFLOWER SEED CAKE

As the European market presently faces a gap in the supply of GM-free soya, cultivation in Europe, for example in the Danube region is increasing. But there is also a growing importance of other oil seeds especially rapeseed and sunflower seeds as sources of protein.

Together with well-known providers of animal feed we have developed various application processes for dehulled but also for hulled rapeseed and sunflower seed. Thanks to these gentle low-temperature processes the valuable proteins are not damaged and at the same time a high and first-class oil production is ensured.



KEEP YOUR PURE OIL SAFE

For a safe storage of your high-quality pure oil we offer complete pure oil storage systems.

The single or double-walled tanks for above ground installation are made of high-quality stainless steel 1.4301 (3d). Tightly closable, they prevent entry of water. A cooling with integrated temperature monitoring and adequate venting of the insulated containers avoids condensation and ensures a longer storage life of your oil.

The entirely non-corrosive tanks together with our cleaning equipment ensure a hygienic storage. They have a capacity of up to 40.000 litres and meet the requirements of the highest standards for foodstuff.

Of course, the whole monitoring of the pure oil storage tanks can be automated and integrated into existing control systems upon request. Also, individual customised solutions are no problem for us – please contact us.



THE FUTURE BEGINS TODAY ...

Smart communication in the sense of Service 4.0 has become present reality for us.

Besides first-class presses and high-quality filter systems Maschinenfabrik Reinartz has developed a special customisable service and maintenance package with system monitoring. By means of IP cameras we simulate a real surrounding of your plant system enabling a visual display of all import interfaces.

Changes of technical data thus can be controlled from anywhere quite conveniently by pressing a button. Also in case of questions or interference, our experienced engineers can remotely log into your system to analyse and remedy faults. Moreover, all logins can be stored in one cloud which allows easy traceability – at the same time highest safety standard is ensured.

Without long wait or on-site deployment. This saves a lot of time and money and increases your productivity immensely. *That is Service 4.0!*

IN ACTION FOR YOU WORLDWIDE ...

Reinartz presses and filtration systems are in action on your behalf all over the world – as are our employees! You will find us in Europe, Asia, Africa, Canada and South America.



Do you already know our Newsletter? In regular intervals, it provides up-to-date news and information about our globally active company, current developments and about the gaining of valuable raw materials – stay curious and look forward to interesting news about research and development. **You can register right now on our website!**

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