

PROTEIN EXTRACTION BY COLD PRESSING

FOR BEST ANIMAL FEED





GENTLE PROCESSING OF VALUABLE SOURCES OF PROTEIN

FOR A FIRST-CLASS ANIMAL FEED

As world population grows food demand increases and meat consumption rises. Thus, a significantly increasing demand for animal feed must be covered.

Finding solutions for producing high-quality concentrate on alternative sources – be it from insect protein or plant-based material such as soya seed, rapeseed or sunflower seed – has been our effort, constant striving and approach for several years. With our gentle cold pressing method – tailored to your needs – we contribute to close the protein gap on highest level.

"We have been optimising and elaborating our cold pressing technology with the latest know-how over decades – thus we are unbeatably efficient."

MICHAEL MOLL | Managing Partner



Our customers worldwide rely on the highly efficient Reinartz screw presses. They ensure high yield in top quality. For these results we at Reinartz have been committing ourselves to a continuous optimisation and enhancement of the cold pressing procedure for more than 70 years.

UNBEATABLY PRODUCTIVE – THE SCREW PRESS TP

The Reinartz screw press type TP is a ready-made press for mechanical degreasing of herbal raw materials and dried fly larvae. It is perfectly suitable for producing high-protein press cake which is used as animal feed. The model TP is available in different capacities, as required for the individual demand.

TECHNICAL DATA: PRESS TYPE TP

Press type	Processing capacity		Dimensions			Weight (kg)	Engine power (kW)
	approx. kg/h	approx. 8000h/year	Length (mm)	Width (mm)	Height (mm)		
TP 04	35	280 t	1800	500	800	400	4
TP 07	85	680 t	1900	600	1100	900	7,5
TP 15	170	1360 t	2700	700	1200	2000	15
TP 22	260	2080 t	3200	890	1220	2600	22
TP 30	450	3600 t	3630	890	1220	3000	30
TP 55	850	6800 t	5240	1470	1800	9200	45/55/75
TP 90	1600	12800 t	6000	1500	2300	21500	90/110

VEGETABLE PROTEINS BASED ON SOYA

Soya contains important amino acids, is thus the source of valuable proteins and has a high energy content. With our presses featuring the gentle cold pressing technology high-protein soya press cake for animal feed can be produced – without any chemical auxiliaries.

VEGETABLE PROTEINS FROM RAPESEED AND OTHER SEEDS

Gaining protein from rapeseed and sunflower seed becomes more and more important. In cooperation with renowned producers of animal feed we have developed gentle procedures for different applications. Press cake with a high content of valuable proteins and important ingredients is produced due to the low processing temperature.

ANIMAL PROTEINS FROM INSECTS

Insects – mainly the Black Soldier Fly – are ideally suited as alternative source of protein for animal feed. Dried fly larvae insect meal, pressed with Reinartz screw presses, has a protein content of up to 58 %.



Our service

BEST PRESSES – AND MUCH MORE

SERVICE 4.0

Seamless communication: Focusing Industry 4.0 we have developed a special, customisable service and maintenance package with system monitoring which allows a remote operation, control and support.

FILTRATION PLANTS

First press, then filter: Our fully-automatic filtration units of 5 m² to 96 m² can be monitored and operated from a PC, smartphone or tablet.

OIL STORAGE

Well stored: Our crude oil tanks have a storage volume of 1 m³ up to 40 m³ and are equipped with level probes and stirring device. For a safe storage of your valuable clean oil we recommend our top quality stainless steel clean oil storage systems and containers.

WINTERISATION

Effective and economic: A special, cost-effective method for removing waxes for example from sunflower seed oil – also for application in the cold pressing process.

METAL MACHINING

Once learned, never forgotten: We provide our competence in mechanical engineering as service, be it in machining, turning, milling, drilling, sawing, grinding – as required for your project.

COMPLETE PLANTS

From one source: With its presses Reinartz manufactures the heart of every oil mill. We will be pleased to advise and support you in constructing your oil mill. You will benefit from our expertise in this field – worldwide and for more than 70 years.





FROM THE WORKSHOP TO A GLOBAL BRAND

TRADITIONALLY INNOVATIVE

For more than 160 years the name Reinartz has been standing for innovative strength and competence in oil production. Operated as limited company (GmbH & Co. KG) since 1949, we are now a globally established specialist for screw presses and complete systems with a comprehensive service portfolio – from conditioning to solid-liquid separation and filtration up to storage. At the Neuss headquarters the company employs around 50 staff.

Then as now, we have never succumbed to changes in the engineering market – we have helped shaping them. Powered by our experience, with the know-how of constant further development – and passion for the best solution.



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.



CONTACT

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