

Abstract – Presentation OIL PRESS GMBH & Co KG

Our company OIL PRESS GMBH & Co. KG is specialized in the development, production and distribution of different machines for processing oleaginous seeds and nuts. Our main products, regarding the manufacture of hemp, are oil presses, filtration plants, dehullers, flakers and mills. We are located in the South of Germany, between Munich and Passau (84367 Reut). Our customers are located in Europe, Latin America, North America, Asia, Africa. We have already sold about 4000 oil presses to all over the world.

Gerhard Rieglsperger, the manager of the OIL PRESS GMBH & Co. KG and certified environmental process engineer, founded the company in 1996. Company and employees are experts regarding the cultivation and manufacture of different oil seeds, like hemp, and has a lot of experience by exploring new technologies for processing the hemp seeds. Due to the fact that his company operates its own oil press, he knows about the main problems and solutions regarding the manufacture of oil.

In the presentation we like to show the new technologies for processing hemp seeds. We will give a short overview about the different steps of processing hemp:

1. DEHULLER for dehusking the hemp seeds
2. OIL PRESS/EXTRUDER for pressing the hemp seeds
 - 2.1 FILTRATION-SYSTEM for filtering the hemp oil
3. FLAKER for milling the hemp cake
 - 3.1 MILL for making hemp powder and SIEVE to get the hemp protein powder

The audience will get an idea of the different steps which are recommendable to process hemp and fabricate hemp oil, hemp powder and hemp protein.

Thereby we will explain the technology which is necessary for converting the hemp and to get a high-quality product. This includes an overview about the machines we have developed (all our machines are made of stainless steel).