

A method for removing seed husks from sunflower solvent cake/press cake lies in comminuting the solvent cake/pressed cake, the following sieving, while dividing into fractions, forming flows of ready products from a seed husk fraction and a high protein content fraction. In doing so preliminary comminution is carried out, then processing is carried out in $m \geq 1$ stages, in each stage consisting of $n \geq 1$ units of comminuting and separating into fractions. In these units the basic comminution on rollers and the further sieving separating into fractions are consecutively carried out. The seed husk fraction from each of the units at $n > 1$ is directed for the following comminution unit and separating into fractions, and from the last unit of each stage it is directed into a flow of the ready product which corresponds to the seed husk fraction, the remaining fractions are directed to the following stages of procession and/or into one or several fractions with high protein content of the ready product. A unit for carrying out the method includes a comminution device, devices for sieving and separating into fractions, devices for transporting the products united into a processing line by a transport system. In doing so a device of preliminary comminution of the initial product is additionally mounted, and the processing line is made as $m \geq 1$ stages, and each of the stages consists of $n \geq 1$ units of comminuting and separating into fractions, at $n > 1$ connected consecutively. Each unit consists of a basic comminution unit, consisting of a roller tool and a device for sieving and separating into fractions, arranged in series, the output of the device for sieving and separating into fractions of the last unit is connected with a transport channel of a seed husk fraction of the ready product. The invention allows obtaining sunflower solvent cake/press cake with high protein content with the minimum additives of seed husks, and also with the seed husk fraction with the minimum additives of particles with high protein content.