

New generation of automatic stockfish press

Now part of worlds most modern drying factory

The new automatic stockfish press is now in full operation as a part of highly automated fish drying factory. The new machine is fitted with fully automated weighing and filling system. The machine can easily pack up to 70-80 pcs. of 25 kg. bag pr hour. The design of the machine secure high capacity and very low manpower-during production. A special fully automated tipping device empties the full racks of dried fish into in-feeding buffer. The process is controlled by special supervising system. In the buffer is an separation device that separates product that are dried together, measure the weight, press together and finally deliver it into 25 kg. bags. In the new factory there robots operating as part of the production line.



Conveyor in bottom of weighing unit

Separation of dried fish blocks

The in feeding buffer has a special separation device that separates the fish and bones that has dried together under drying process, before it goes into the press. This special device secure accurate weighing and free flow through the system. Dried bones can easily be hooked together and block the conveyors and buffers under processing. The packing will be easier and the packed product will be more compressed in the bags. The system is very robust and is manufactured to be able to operate under longer period of time without interrupts.



Two load cells are located under the weighing unit to secure fast and accurate weighing during the process. The weighing unit is equipped with display from Marel and the supervising system is made and developed by Samey Inside the weighing unit is a conveyor. It throws the product into the pressing chamber after weighing. This method eliminates interrupts and blocking in the process. The chamber in the press is now bigger than before but the sizes of the bags are the same. It is possible to have other sizes as well.

Robots take care of the hard work

For first time robots have been installed in fish and fishbone drying factory. Special designed robots (Fanuc) pick up frames with products to be dried and stack them ready for the drying tunnels. After drying the robots pick up the frames and empty them and stack them or put them into the filling line again. Handling of the frames are very gentle and eliminates loss of frames by cracking and save high amounts-of money by replacing broken frames. Robots are very flexible and can easily be reprogrammed for other purpose.

