

Conveyor system for filtration-compression drying consists of a chamber for supplying the drying agent, a conveyor with a perforated belt for moving the layer of wet material from the feed hopper to the discharge hopper, and a vacuum chamber. Above the conveyor with a perforated belt and parallel to it is situated a similar conveyor with the belt moving in the opposite direction. The gap between the upper surface of the lower conveyor and the lower surface of the upper conveyor corresponds to the height of the material layer on the lower conveyor. At least two perforated tension rollers are installed above and below the aforementioned surfaces. The distance between the upper and lower rows of these rollers is less than the initial height of the material layer.