



VERTICAL SCREW CONVEYOR

Space constraints are often a problem when designing compact efficient plant. Bulk material flows have to be lifted vertically in the smallest possible space.

The PURATEK-vertical® screw conveyor is an elegant and cost-optimized option for this purpose. However, this requires a precise design of the required conveying system. The horizontal feeding unit and the vertically conveying unit. The speeds of these units must be optimally harmonized, and enormous thrust forces on the drive shafts must be adequately absorbed in order to achieve a high conveying capacity of the system.

The PURATEK designers are experts for vertical conveying systems with 20 years of experience. In the past, vertical spiral screw conveyors for all conceivable bulk materials

have been supplied and successfully put into operation by PURATEK. From A to Z, from aluminum oxide to sugar beets. Nevertheless, today most vertical spiral conveyors are used for conveying dewatered as well as dried sewage sludge.

