

The invention relates to the equipment for crushing, grinding or activating the raw materials prior to their use, in which the process of treatment is carried out by repeated compaction of the thick layer of material during its rolling under the roll and subsequent loosening of the layer of material by a cutter. A drum-roll assembly contains a rotary drum with a roll and a rotary loosening cutter located in it. The cutter contains a blade, holders and levers fixed on the axle. In accordance with the invention, the axle of levers is installed outside the drum below the line of contact of the blade to the drum, and distance from the axle of levers to the line of contact of the blade to the drum along horizontal makes $0.8 \div 1.1$ of the radius of drum R , and on the vertical line - $(0.15 \div 0.25) R$ respectively. The invention provides for increase of service life and reliability of drum-roll assembly.