

The invention relates to equipment for processing organic raw materials and can be used for the production of pellets of combined feed from the nutrient plant raw materials, wood-polymeric composites and organic composite material. An extruder comprises a housing, a drive, a screw with a conical tip, a calibration matrix, at the surface of screw conical tip, which is located in the zone of matrix vanes are made and arranged in circles, according to the invention to the conical tip a cylindrical portion is attached, located in the pre-matrix zone whose length is 0.01-3 of the screw diameter, on the cylindrical part of the blades the vanes are made also, all the vanes in cross section are rectangular, the conical tip has an apex angle from 5 to 170°, the extruder matrix consists of a conical part and a part perpendicular to the screw axis, the conical part of the matrix is turned to the screw, the angle at the apex of the conical part of the matrix is greater than the angle at the apex of the conical tip by 0-20°, in the matrix forming channels are made, which are parallel to the screw axis and consist of two parts: wide and narrow, of different length. The technical result achieved by the use of the invention is to expand the use of the extruder.