

A hammer crusher comprises a housing with a loading unit, placed inside rotor with crushing elements, disposed in the lower part grid. The housing has a conical shape, near whose major base a loading unit is placed, which is made as a hopper with a flap. On a shaft on the axis of the cone, a rotor is fixed, on which hummers with vanes and hummers without vanes are consecutively alternated, whose ends are arranged in parallel to the cone surface of the housing at equal distance from it. In the upper part of the housing a baffle plate is installed, which has a control device. Outside to the housing a jacket of an impeller is attached near the housing major base, which has vanes and is fixed coaxially to the rotor in the upper part of the major base of the housing. Inside the jacket of the impeller nozzles are mounted, and located in the lower part of the body mesh is made near the major its base only.