Abstract

Dicing Machine

A dicing machine is disclosed in the present application, the dicing machine includes a mounting platform, a cutter disk and a driving mechanism. The mounting platform is provided with a discharge port. A cutter module is mounted on the mounting platform and located above the discharge port. The cutter module includes a first assembly and a second assembly, the first assembly is movable with respect to the mounting platform along a first direction, the second assembly is movable with respect to the mounting platform along a second direction, and the first direction is perpendicular to the second direction. The cutter disk is disposed below the discharge port and is rotatable around a vertical direction. The driving mechanism includes a motor, two first transmission mechanisms and one second transmission mechanism, the motor is used for driving the first assembly and the second assembly to reciprocate by the two first transmission mechanisms, and for driving the cutter disk to rotate around the vertical direction by the second transmission mechanism. In this way, the dicing machine can drive different cutters to move synchronously in different ways through the driving mechanism, and then can cut materials such as fruits into dices, with better user experience.

(FIG. 1)