CLAIMS

1. A cutting apparatus comprising:

two or more machining tables that hold a resin-molded substrate;

a cutting mechanism having a rotary tool that cuts the resin-molded substrate into a plurality of products with the rotary tool while using a machining liquid;

a moving mechanism that linearly moves the cutting mechanism at least in each of X and Y directions on a horizontal plane;

a rotation mechanism that rotates each of the two or more machining tables on a horizontal plane; wherein

the cutting mechanism moved by the moving mechanism cuts the resin-molded substrate with respect to each of the two or more machining tables fixed at least in the X and Y directions,

the moving mechanism includes an X-direction moving unit that linearly moves the cutting mechanism in the X direction, a Y-direction moving unit that linearly moves the cutting mechanism in the Y direction, and a Z-direction moving unit that linearly moves the cutting mechanism in the Z direction,

the two or more machining tables are provided along the Y direction on the horizontal plane,

the Y-direction moving unit is commonly used for the two or more machining tables and has a pair of Y-direction guide rails provided along the Y direction with the two or more machining tables interposed therebetween, and a gate-shaped support that moves along the pair of Y-direction guide rails and supports the cutting mechanism via the X-direction moving unit, and

the rotary tool has two spindles wherein rotation axes of the two spindles are provided along the X direction and rotary blades attached to the spindles are arranged to

be opposed to each other, and wherein the two spindles can be moved linearly independently of each other in the X direction and the Z direction by the moving mechanism.