

ABSTRACT

By lightening the impact load to an electronic component and greatly promoting the load range, the adaptability to the electronic components is enhanced and the manned manual operation is eliminated, thereby improving the productivity and realizing unmanned operation. The vacuum-clamping nozzle unit comprises an automatically detachable vacuum-clamping nozzle (2) for vacuum-clamping the electronic component, a positioning section (3) for positioning the vacuum-clamping nozzle (2) in a rotating direction and a vertical direction, a pushing section (4) for urging said vacuum-clamping nozzle (2) downward by using fluid, a fluid pressure switching section for switching the urging force, a timing switching section for switching the timing of the urging force of said vacuum-clamping nozzle, and a pressure control section for controlling the load to a desired load. Switching the timing of the urging force can be made before or at the time of mounting the electronic component on an electronic circuit board.