

Device for burr removal at contact jump welding of rails on machine with two clip-on chucks. Each clip-on chuck has two double-armed levers and consists of three cutters for gripping of rail profile along all perimeter, and two side cutters are mounted with possibility of rotation with respect to one clip-on chuck and are pivoted with upper third cutter. Side cutters are fixed on rods of two additional hydraulic cylinders built in clamping levers of one of two clip-on chucks of welding machine. Each rod of additional hydraulic cylinders is made of two parts pivoted between them, and a part of rod on which are fixed side cutters may rotate with respect to the part of rod on which are fixed pistons of additional cylinders. Proposed device allows self-adjustment of cutters according to the rail profile, cutting of burrs in hot state from the rails clamped in machine clamps just after welding with less effort and to reduce the time of welding cycle, i.e. to increase productivity and to reduce power inputs for cutting of burrs and to expend functional capabilities of device on the whole that allows to weld long-length rods with preliminary pulling and to weld closing joint at laying of long-welded rails.