

## Stationary Flash Butt Rail Welding Machine K924 (for railway switches)



KZESO stationary rail welding machines use more than a dozen innovations protected by international patents in the field of welding technology, control systems and programming of welding processes, as well as designs of the main units of welding machines, which are distinguished by the original layout of mechanical elements, welding circuit, the use of high-speed hydraulic drives and new principles of rail centering. The quality of welded joints meets the requirements of international standards.

The K924 machine is designed for flash-butt welding using pulsed flashing in stationary conditions of elements of railroad cross-pieces made of special steel with railway rail ends or for welding of rails with a height of 140-195 mm and a cross section of up to 15000 mm<sup>2</sup>.

The K924 machines are equipped with a welding process control system, built on the latest Siemens programmable controller and provides computerized certification of the technological parameters of welding of each joint.

## Specifications

	<b>K 924</b>
Rated mains voltage, V	380
Mains current frequency, Hz	50
Maximum secondary current, kA	55
Rated continuous secondary current, kA	19
Short circuit power, kVA	400
Welding power at DC = 50%, kVA	180
Maximum operating pressure in the hydraulic system, MPa	21
Maximum upset speed, mm/s	200
Maximum upset force, kN	1500
Maximum clamping force, kN	4000
Weight of welding machine, kg	42000
Overall dimensions, mm	
- welding machine	4985x2890x3700
- control cabinet	1290x690x1730
- pump station	1300x745x1420
- recording system cabinet	690x690x1750