

Main specifications	KZESO Mobile Rail Welding Machines						
	K920-1	K922-1	K930	K945	K950	K955	K1067
Rated main voltage	380/400 V	380/400 V	380/ 400 V	380/400 V	380/400 V	380/400 V	380/400 V
Mains frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum secondary current	67 kA	67 kA	67 kA	67 kA	67 kA	67 kA	58 kA
Power at DC = 50%	211 kVA	211 kVA	211 kVA	211 kVA	211 kVA	211 kVA	182 kVA
Working hydraulic pressure	210 bar	210 bar	210 bar	210 bar	210 bar	210 bar	210 bar
Rated upsetting force	1000 kN	1200 kN	1200 kN	1200 kN	1200 kN	1200 kN	600 kN
Rated clamping force	2500 kN	2900 +\ 200 kN	2900 +\ 200 kN	2900 +\ 200 kN	2900 +\ 200 kN	2900 +\ 200 kN	1500 kN
Upsetting Cylinder Stroke	90 mm	100 mm	200 mm	400 mm	250 mm	150 mm	100 mm
Welding head weight	3200 kg	3500 kg	3300 kg	3500 kg	3500 kg	3500 kg	3300 kg
Rail lengths	max. 600 m	max. 1000 m	max. 1000 m	max. 1000 m	max. 1000 m	max. 1000 m	max. 500 m
Rail sections	6500 - 10000 mm ²	6500 - 12000mm ²	up to 12000 mm ²	6500 - 12000 mm ²	6400 - 12000 mm ²	6400 - 12000 mm ²	6400 - 10000 mm ²
Production capacity	Up to 16 welds/h	Up to 16 welds/h	Up to 16 welds/h	Up to 16 welds/h	Up to 16 welds/h	Up to 16 welds/h	Up to 16 welds/h

The main difference between the K920 and K922, K930, K945, K950, K955 machines is that the latter can weld strings with tension without using a Super Puller.

The total force of the welding machine upsetting drive required for welding strings with tension is 120 tons. Machines of the K922, K930, K945, K950, K955 types meet these requirements. With their help, welding of continuous track is significantly simplified and the cost of these works is reduced.

The main advantage of the K922, K930, K945, K950, K955 machines compared to the K920.

The increased upsetting and clamping forces expands the technological capabilities of the welding machines when welding various types of rails from different manufacturers and they can also weld strings under tension.