

# Promax Lasteko RSR-5000 Stud Welder

## Key Features

- The microcontroller results in more accurate working voltage detection, a more complete discharge of the capacitor, superior welding performance, and enhanced conductivity protection
- Suitable for welding carbon steel, stainless steel, steel alloy, aluminium and other materials
- The welding time is just 6 milliseconds, ensuring consistent solderability of the same material.
- The display indicates the operating voltage and can be smoothly adjusted. It is designed for a board-mounted digital tube, offering a long lifespan and easy maintenance, without the need for an external display header
- The failure rate is extremely low, and on average, it can be used more than a million times without any issues.
- By adopting single-chip control, the precision of parameter control is enhanced, and the key components are imported
- The weld guns utilize micro-control switches imported from Germany, with a life expectancy of up to 600,000 times, and the main capacitor's lifespan extends to 2 million cycles.



Model	RSR-1600	RSR-2500	RSR-3500(Galvanized sheet)	RSR-5000
Welding Current Output Mode	electrolytic capacitor	electrolytic capacitor	electrolytic capacitor	electrolytic capacitor
Capacitor Model(uF)	72000	108000	144000	144000
Power(W)	500	500	800	1000
Input Fuse(A)	10	10	10	10
Charging Voltage(V)	35-200	35-200	35-200	35-200
Welding Time(S)	0.001-0.003	0.001-0.003	0.001-0.003	0.001-0.003
Welding Speed(pcs/min)	15-40	15-40	15-40	15-40
Power Voltage(V)	AC220-2P(110/380/415 can customized)	AC220-2P(110/380/415 can customized)	AC220-2P(110/380/415 can customized)	AC220-2P(110/380/415 can customized)
Frequency(Hz)	50/60	50/60	50/60	50/60
Protection Grade	IP31	IP31	IP31	IP31
Welding Stud Length(mm)	standard 5-35	standard 5-35	standard 5-35	standard 5-35
Welding Range(mm)	2-10	2-10	2-10	2-10
Torch Cable(m)	3(can customized)	3(can customized)	3(can customized)	3(can customized)
Stud Welding Range(stud diameter mm/material)	2-6/low-carbon steel	2-8/low-carbon steel	2-10/low-carbon steel	2-10/low-carbon steel
	2-6/stainless steel	2-8/stainless steel	2-8/stainless steel	2-10/stainless steel
	2-6/aluminum alloy	2-8/aluminum alloy	2-8/aluminum alloy	2-8/aluminum alloy
	2-6/zinc	2-8/zinc	2-8/zinc	2-10/zinc
Weight(KG)	16	18	22	28
Dimensions(mm)	480*220*300	480*220*300	600*220*300	600*220*300