



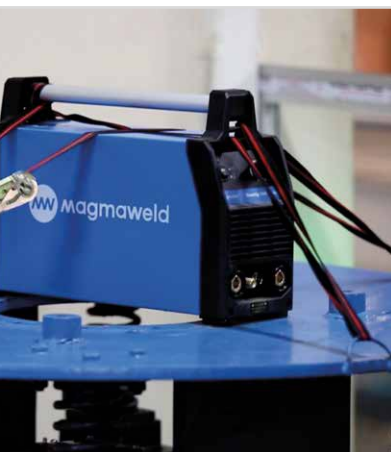
Why Magmaweld Machines ?



- Each machine is subject to functionality & welding test at the end of the assembly lines.
- Lean manufacturing and continuous improving system for standardizing the operations & quality levels.
- All machines have CE, LVD, EAC and EMC certificates.
- Components are ROHS compliant.



- All electronic cards are designed and produced inhouse. Production is made in electrostatic discharge protected area, in automatic SMD lines with unique barcodes to be able to follow up throughout the production and service life of equipment.
- All mono-phase machines pass a vibration station before the end of line testing to be sure that there are no loose connections.
- Hot silicone is applied to critical connections against possible loosening due to vibrations and impacts during the service life.
- Electronic cards are conformal coated to last in harsh environments, meaning; high humidity, salty and dusty



- Prototypes have to pass severe vibration, drop and thermal tests.
- Electronic circuits are designed to operate normally with generator sets and weak mains electric supplies in rural areas where voltage fluctuations are quite high.
- Machines can work in hot environments as +50 C, due to efficient cooling and high temperature resistant components.
- In new designs; SMART Power, Thermal and Fan control techniques are used to provide longer life expectancy, less fault ratios, higher energy efficiency, together with automatic fan speed control, reduced dust entry, less fan noise and longer fan life.



- Metal covers are min. 0,8 mm thick sheet metal with electrostatic powder coating. Plastic covers are made from PA6.6, glass-fiber reinforced material.
- Serial numbers are engraved in the name plates.
- Warranty is 2 Years and statistically our fault rate is under 3%.