



UNIVERSE

SPOT WELDING MACHINE AZA1242

The AZA1242 Spot Welding Machine is a robust and precision-engineered industrial welding system designed for reliable, efficient, and high-speed spot welding applications.

Manufactured using high-grade copper strips and sections, the AZA1242 delivers:

- Excellent electrical conductivity
- Stable welding performance
- Long operational life
- Reliable continuous-duty operation

The machine incorporates an advanced water-cooling system that effectively cools critical components including the electrodes, welding arms, electrode holders, and transformer, ensuring stable operation even under high thermal loads and prolonged industrial use.

With precise welding current control, flexible electrode actuation options, and an operating speed of up to 60 weld spots per minute, the AZA1242 is ideally suited for industrial production environments requiring high productivity, weld consistency, and operational durability.



Safety Features

- Water-cooled thermal protection system
- Stable electrode pressure control
- Industrial-grade insulated components
- Heat-resistant electrical design
- Reliable operational control system



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1242
Machine Type	Spot Welding Machine
Construction Material	High-Grade Copper Strips & Sections
Cooling System	Water-Cooled Single Circuit
Permissible Temperature Rise	Up to 160°C
Current Control	8 Tap Adjustments (50% – 100%)
Electrode Control	Foot Lever or Air Cylinder
Maximum Operating Speed	60 Spots/Minute
Electrode Accessories	Filter, Lubricator, Regulator, Gauge, Solenoid Valve, Speed Valve

Standard Supply Includes

- Spot welding machine
- Water-cooling arrangement
- Electrode assembly
- Standard electrode accessories
- Regulator and control fittings
- User operation manual