



General Capacity

- **Rated Capacity:** 50 KVA
- **Input Supply:** 380/415 Volts AC
- **Phases:** Two Phase
- **Frequency:** 50 Hz

Mechanical Parameters

- **Throat Depth:** 400 mm
- **Throat Gap:** 250 mm (Adjustable)
- **Pressure:** Pneumatic (Air operated)
- **Electrode Force:**
 - 1000 lbs @ 80 psi
 - Equivalent to 5.62 kg/cm² inlet pressure
- **Cylinder Size:** 63:100
- **FRL Unit:** ¼" size
- **Solenoid Valve**

Electrode Specifications

- **Upper Electrode Stroke:** Max 100 mm
- **Lower Electrode Stroke:** Max 80 mm

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Air Requirements

- **Air Consumption:** Approx. @ 50 operations/min (CFM and L/sec not specified – needs clarification)

Controller

- **Type:** Microprocessor Digital SCR Control
- **Control Stages:**
 - a) Squeeze Time
 - b) Weld Time
 - c) Hold Time
 - d) Heat Control
 - e) 10 Inbuilt Programmers

Additional Features

- **Foot Switch:** Inbuilt
- **Cooling System:** Water-cooled (Transformer / Electrodes / SCR)
- **Transformer Winding:** Electrolytic Copper Strip
- **Insulation Class:** F Class
- **Fixture:** Provided as extra
- **Gauge:** Adjustable / Ability-based (Clarify if needed)
- **Main Supply Cable:** 35 mm² Copper Wire (Multi-strand) – *To be arranged by buyer*

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