Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

Arc Welding Machine

**Product Code :**

SLE/MCE/11



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## Description :

**Arc Welding Machine** (Product Code: SLE/MCE/11) is an inverter-type manual metal arc (stick) welding power source used to join steel with coated electrodes in fabrication shops, maintenance departments and welding training bays at technical institutes. Fabricators and welding instructors choose it for its 40–400 A output range at a 60% duty cycle from a 415 VAC three-phase supply, with an inverter frequency of up to 20 kHz. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Technology | Inverter, frequency up to 20 kHz |
| Phase | 3 |
| Supply voltage | 415 VAC ±15% |
| Supply frequency | 50/60 Hz |
| Input power | 18.2 kVA |
| Rated input current | 27.6 A |
| Rated current | 400 A |
| Output current range | 40–400 A |
| Duty cycle | 60% |
| No-load voltage | 68 V |
| No-load loss | 100 W |
| Efficiency | 85% |
| Power factor | 0.93 |
| Weight | 33 kg |
| Dimensions | 21.5 x 11 x 21.5 inch |
| Electrodes | Suitable for down-direction welding with cellulose electrodes |
| Supply fluctuation | Auto-compensation function for mains fluctuation |
| Output cable | Keeps a stable welding condition even with a 100 metre output cable |
| Product code | SLE/MCE/11 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is the Arc Welding Machine Used For?

Stick welding strikes an arc between a flux-coated electrode and the workpiece; the arc melts both, epair of fra s a comm arc