

INVERTER DRAWN ARC STUD WELDING MACHINE i25

The Compact i25 is Digital Portable Inverter Drawn Arc Stud Welder & Capable of Welding from **12mm to 25mm** Studs.

FEATURES & ADVANTAGES

- Light Weight.
- Weld Current and weld time can be set.
- Reduction in Input Kva of machine.
- Constant current power source ensures consistent weld quality.
- Smart digital display provides easy viewing of parameters.
- Faster arc response because of Inverter technology makes it more reliable and repeatable.
- Excellent performance on coated sheets.



LIGHT WEIGHT



FAST & STABLE ARC RESPONSE



RELIABLE & DURABLE



HIGH EFFICIENCY

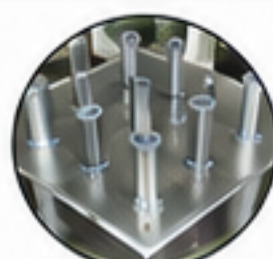
APPLICATIONS



Tank & Vessel



Sheet Metal Fabrication



HVAC Ducting



Automotive Industry



Electrical Enclosures



Wire Mesh & Fencing

TECHNICAL SPECIFICATIONS

i25

	Voltage	415 V -10% +10%, 50/60 Hz
	Max current	2400 A
	Capacity	12 mm to 25 mm
	Welding current	300 A – 2400 A
	Welding time	100 ms – 3000 ms
	No. of gun	1
	Weight	250 KGS (Approx)
	Display	LCD based
	Case dimensions (LxWxH)	1060 mm x 640 mm x 670 mm
	Working capacity @50°C	4 stud / min @ 25 mm stud
	Gun cable length	30 Meter
	MCB	100 Amp
	Input cable size	5 Meter (25 sq.mm x 3)
	Earthing cable	10 Meter x 2
	Earthing cable size	70 Sq mm
	Connected load	125 KVA

FEATURES

- ✓ Password Protection
- ✓ Alpha-numeric text display
- ✓ Fine adjustment of weld time
- ✓ Weld counter
- ✓ Protection against overloading of machine

STRONG WELDS. NO SECONDARY OPERATIONS.

Inverter Drawn Arc Stud Welding is a highly efficient method of attaching fasteners primarily to mild steel & stainless steel by utilizing a constant current DC power supply. The welding process uses a welding inverter which serves as an energy source & provides continuous welding current. The welding time can be adjusted from 10 to 400 milliseconds.

Inverter Drawn Arc Stud Welding quickly joins a base metal to a stud/fastener. The welding is performed via a controlled electric arc process, which melts the end of the fastener to join it to the base metal.

Materials for stud welds and base metals that can be joined with Inverter Drawn Arc Stud Welding include:

STAINLESS STEEL | GALVANIZED STEEL

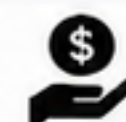
DRAWN ARC WELDING ADVANTAGES



SUPERIOR QUALITY
Better weld strength.
Vibration-proof & resistant to breaking.
loosening or weakening.



BETTER PRODUCTIVITY
Easy to weld, faster welding for fasteners.
Less time, more output.
Access required from only one side.



COST EFFECTIVE OPERATIONS
Savings in relatively complex fabrication. Simple welding of studs saves time & cost.