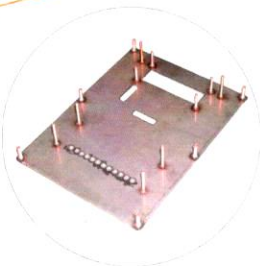


Capacitor Discharge Stud Welder CD 1100

The compact CD 1100 is a lightweight, capacitor discharge stud welder and is capable of welding from M3 up to M8 studs.

Advantages

- Uniform high welding quality
- Application to different materials
- No re-working necessary on the other side of the weld
- No additional material necessary, such as flux, inert gas
- Elimination of different operations such as drilling, rivetting etc.
- No leakages even when welding on containers



Applications

Automobile — Farm Equipment — Insulation in Shipbuilding — Transformer Tank Manufacturing
Heat Exchangers — Earth Moving Equipment — Power Plants — Control Panels
Electrical Panels — Elevator Panels — Cookware — Kitchenware

High Quality Welding, No leakages

Artech offers CD Stud Welding machines that are suitable to join small diameter studs to thin base metals. Capacitor-Discharge Stud welding cycle is completed in 2-3 milliseconds on material as thin as 0.02 inches.

The small weld times minimize the amount of heat generated and penetration depth into the parent material making it ideal for welding smaller diameter ferrous non-ferrous studs on thin gauge base metals.



Technical Specifications



	CD 1100
Stud welding range	M3 TO M8
Welding method	Tip Ignition
Power source	Capacitor Bank
Capacitance	66000 micro fahrad
Charging voltage	50 to 200 Volts variable
Welding time	0.001 - 0.003 sec
Welding speed	Upto 10 studs per min. Depending on stud diameter
Power supply	230 Volts 50 Hz Single Phase
Welding cable	3 mtrs Highly flexible
Ground cable	2 x 3 mtrs Highly flexible
Dimensions	490 mm x 200 mm x 310 mm (LxWxH)
Weight	20 Kgs without cables

Specifications subject to change without notice

Features

- Password Protection — Display and keyboard to set & save parameters
- Weld Counter

Capacitor Discharge Stud Welding Advantages

The capacitor discharge stud welding operates on the principle of capacitor stored energy. Rapid discharge of energy disintegrates the projection pip on the end of the stud and the gun spring pressure forces the stud.



Superior Quality



Better Productivity



Cost Effective operations

About Artech

Artech is a specialist partner to hundreds of industries using Capacitor Discharge Welding technology. One of the few companies, globally, to develop the Capacitor Discharge Welding technology, Artech comes with proven capabilities to help small and large companies from various industries to take up Capacitor Discharge Welding.

Today, Artech's machines are leading the way across several established as well as emerging industries to drive product innovations through better welding technology.