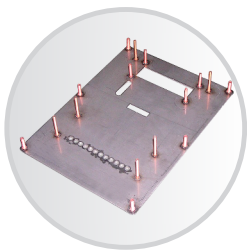


Capacitor Discharge Stud Welder CD 2100

The compact **CD 2100** is a lightweight, capacitor discharge stud welder and is capable of welding from **M3 up to M10 studs**.



Advantages

Uniform high welding quality

No re-working necessary on the other side of the weld

Elimination of different operations such as drilling, rivetting etc.

Application to different materials

No additional material necessary, such as flux, inert gas

No leakages even when welding on containers

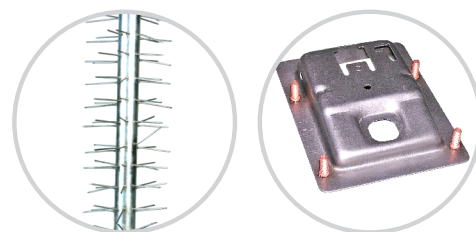
Applications

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 2100

Stud welding range	M3 TO M10
Welding method	Tip Ignition
Power source	Capacitor Bank
Capacitance	110000 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	740 mm x 260 mm x 330 mm (LxWxH)
Weight	35 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.

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