TECHNICAL DATA SHEET

GUARDIANWELD MACHINE

The GuardianWeld Machine is an upright welding machine in which Thermobond Induction Plates are mechanically attached to a Prelasti EPDM membrane by using induction without perforating the membrane.
Induction is a very efficient heating technique in which metals are heated by means of a magnetic field. Other materials are not heated by the induction machine.

Technical data

Voltage:	220-240 V
Current at heat cycle:	10 A
Weight at transport:	38 kg
Weight Tool:	18.5 kg
Magnets:	10 Pcs
Cable length:	5 m

Operating requirements

Operating voltage:	200-240 V
Frequency:	50-60 Hz
Current	16 A
Atmospheric conditions:	-15 to +45˚C, No precipitation
Welding time:	Dependent on calibration

Availability depending on country. Please contact your local supplier for more information.

Directions for use

Follow all guidelines as described in the manual of the relevant EPDM system. Only use Thermobond Induction Plates for the mechanical attachment of Prelasti EPDM membranes. Before starting any work and after any work interruption, the device must be calibrated and a test weld made. The number of fasteners is determined by means of a wind load calculation. This calculation must be performed by the construction engineer or by the client. GuardianWeld Induction machines can be used at temperatures between -15°C and +45°C. The work must be interrupted during precipitation. Welding on slightly damp surfaces (certainly no formation of puddles!) is permitted provided all safety regulations are observed.

Storage

Store in a dry environment between 5°C and 30°C in the original flightcases. Yearly servicing of the machine is needed. There are no limitations in shelf life.

Note

This is an electric tool and all safety regulations shall be followed. When using long cables, voltage shall not drop below 200 V.

Disclaimer

Information contained in this data sheet is up-to-date and correct as at the time of issue. For latest version please always check www.sealeco.com