



ELECTROBRAZE PIN BRAZING

REVISION 1

The Electrobraze Pin Brazing System is the ultimate solution for Cathodic Protection, Pipeline and Utilities Companies for the attachment of Cathodic Protection System Anode cables, Continuity Bonds, Earthing and A.C. Mitigation Systems to Sensitive Substrate Materials. Due to being both Heavy Duty and Fully Portable, the Electromechanical Design of The Electrobraze Pin Brazing System has made it the ultimate solution for Companies working Offshore and in Remote Locations Worldwide.



Specifications:

- High Power Battery Pack range provide between 10 - 100 Attachments per-charge-Cycle
- Charging / Operating Temperature Range -40°C (-40°F) to 80°C (176°F) with **NO BATTERY PRE-HEATING REQUIREMENTS**
- Lightweight equipment -
 - Battery Units from 6kg (15lbs)
 - Brazing Guns from 1.0kg (2.2lbs)
- Compatible with fuse wire controlled Brazing Pins from 4-12mm Dia
- All Brazing Guns are Inverter ready

Features:

- Unique, fully adjustable Electro-Mechanical braze timing control to combat URHD often encountered when Pipeline Pin Brazing.
- Optional Military Spec Carry Harness'
- Adjustable, Detachable ergonomic pistol grip for single hand and long reach operation
- Optional Folding side mounted Fore-grip.
- Extremely Durable all weather HPX™ Resin Enclosures equipped with Vortex™ Automatic Pressure Release Valves
- NEO-Hold High Power Ultra Small Magnetic Earth Device.

Accessories:

- Lance Gun Extension - For urban deep hole retrofitting
- Gun Mounted LED Flashlight for Night and Confined space works
- Gun Mounted Integral Magnetic Earth Device

- High Power Grinder
- Quick Charge Mains or In-Vehicle Microprocessor controlled Battery Charger



VEPAC IN-VEHICLE CHARGER



HIGH POWER GRINDER



ELITE CHARGER



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Pin Brazing System - EB3613 Heavy Duty Battery Pack

On-Site Equipment, Designed for use in Extreme Environments and Remote Locations, Durable, Versatile and Reliable with NO Electronic Components or Battery Pre-heating Requirements.



Wildlife Problem?

...No Problem!



Parking Problem?

...No Problem!



Shark Attack?

...No Problem!



Specifications:

- Capacity – Approximately 100 Attachments per-charge-Cycle
- Battery Charging / Operating Temperature Range -40°C (-40°F) to 80°C (176°F)
- External Dimensions (mm) 299 x 248 x 195 (Ins) 12 x 10 x 8
- Weight (Kg) 16.2 (Lbs) 35.64

Features:

- Water-proof O-ring Gasket
- Vortex™ Automatic Pressure Release Valve
- Double-layered, Cushioned Fold-away Rubber Handle
- Padlockable Moulded-in Hasps
- Extremely Durable all weather HPX™ Resin Enclosure





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Pin Brazing Gun - ZE7000

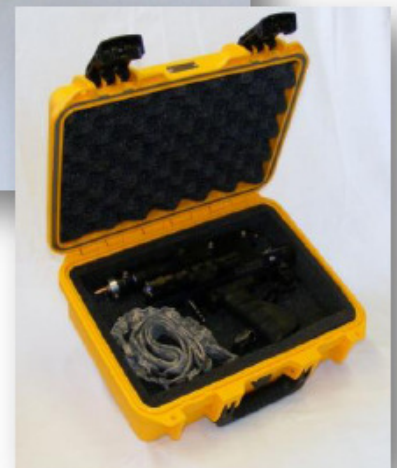
THE VERY LATEST IN PIN BRAZING TECHNOLOGY, BUILT FOR USE IN EXTREME ENVIRONMENTS AND REMOTE LOCATIONS



Durable - Versatile - Reliable

Specifications:

- Lightweight and well balanced – Only 2.0kg (4.4Lbs)
- Marine Grade Stainless Steel Construction
- Precision Bearing Technology
- Fine Braze Adjustment System
- Fail Safe, Auto Reset Trigger Mechanism
- Ergonomic Design
- Operating Temperature Range -40°C (-40°F) to 80°C (176°F)
- Compatible with Fuse wire controlled Direct and Threaded Brazing Pins
- Available for both Welding Generator and Battery Pack power supply.





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PIN BRAZING CONSUMABLES

There are two basic types of connection that can be made

- Threaded Type Connection using an M8, M10 or M12 Threaded Brazing Pin. A normal copper crimp lug (supplied separately) is attached to the stud and secured in place with locknuts and washers (included with pin).
- Direct Type Connection using an 8mm Direct Brazing Pin and a Pin Brazing cable lug, available to suit cable sizes 10mm² to 50mm²

For each type of connection a ceramic ferrule is required for each braze in either 12mm (threaded connection) or 8mm (direct connection) size



PACK SIZES

Direct Brazing Pin 8mm : 100 No

Threaded Brazing Pin M8 : 50 No

Threaded Brazing Pin M10 : 40 No

Threaded Brazing Pin M12 : 40 No

8mm Ceramic Ferrule : 200 No

12mm Ceramic Ferrule : 100 No