

HARGER®

grounding • exothermic • lightning protection

ULTRAWELD®



**Innovative Solutions for
Exothermic Welding Materials,
Accessories and Training**

Ultraweld® Molds

Long Lasting, Highest Quality

Molds are manufactured from high density, long lasting, semi-permanent graphite. Depending on care and treatment, molds will average over 50 connections, up to 250 when using the UltraShot® system. Harger molds are engineered to fit the UltraShot® (electronic ignition system), NUWTube® (traditional ignition system), and Low Smoke-No Flame systems in the same mold. No need for special molds.



Patented
U.S. Patent No. 7,950,568



DRONE Patented
U.S. Patent No. 9,562,751

DRONE® Electronic Ignition System

Safer, Faster, More Ignitions per Charge

Making exothermic connections just got even easier with Harger's new hand held DRONE now with Audible Ignition Alert. Utilizing a Milwaukee® M18™ REDLITHIUM™ 18 volt battery featuring a built-in fuel gauge, the DRONE makes over 1,500 UltraShot connections on a single charge! The UltraBright LED and audible ignition alert indicates ignition.

MIL1812CHARGER



UltraShot®

Patented Electronic Ignition Weld Metal

Packaged in individual, moisture resistant copper drop-ins that are consumed during the reaction process. No mess, less waste! Each drop-in is clearly marked with the size. Available in sizes US25 through US750.

Patented
U.S. Patent No. 7,950,568



NUWTube®

New Twist on Traditional "Pour & Shoot" Method

Packaged in individual, moisture resistant plastic tubes. Harger's dual chamber design, with easy to identify color coded caps, holds the starting material and weld metal separately, in the same tube. No more mixing of materials prior to use. Available in sizes NUWTube15 through NUWTube250.

Mold Clamping & Support Systems

Harger has pioneered an innovative mold clamping and support system that is ergonomically friendly and makes changing between applications fast and easy. The patented mold handle design features a set of mounting holes that accepts the support and stabilization kits. These support kits allow the MH1 and MH2 mold handle clamps to provide safe and cost-effective means of making superior exothermic connections.

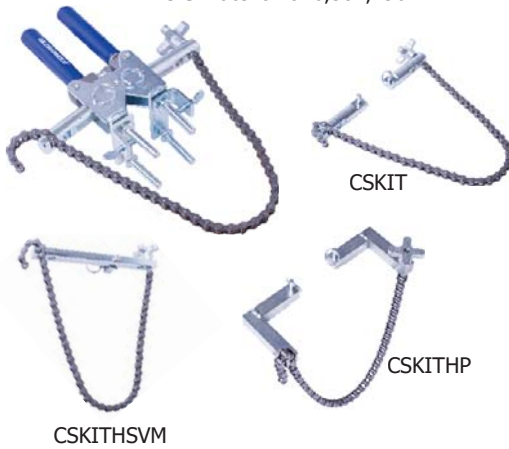


MH1, MH2
Patented
U.S. Patent No. 6,382,496



MH6, MH7

Patented
U.S. Patent No. 6,382,496



Chain Support Kit

Safe, Hands Free Connections

Chain support kits are designed to support the mold when making exothermic connections to steel poles, pipes or reinforcement steel. The kits quickly attach to the MH1 or MH2 mold handle clamp and, depending on the kit, are used on horizontal or vertical conductors. Each support kit comes complete with a 20" chain which accommodates up to a 4" diameter object. Chain extensions are available for larger diameters.

Magnetic Support Kit

Safe, Hands Free Connections

Magnetic support kits are designed to support the mold when making exothermic connections to flat steel surfaces, truly making for a hands-free operation. Easily attaches to MH1 or MH2 handle clamps, works best when welding to steel at least 8" wide.

Patented
U.S. Patent No. 6,382,496



MSKIT



MLDSTBLZR

Mold Stabilization Spike Kit

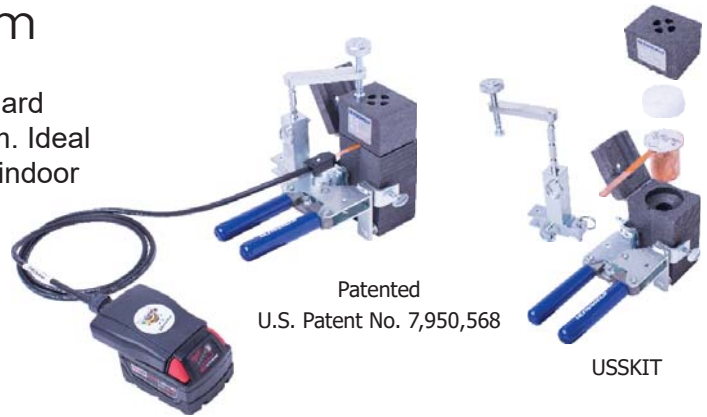
Safe, Hands Free Connections

These spikes help stabilize the mold when making cable to cable connections in the trench. The kit includes both 6" and 12" spikes. Fits both the MH1 and MH2 mold handle.

Low Smoke-No Flame System

Minimal Smoke Emission

Harger's unique, patented Low Smoke Kits convert standard molds and UltraShot into a Low Smoke-No Flame System. Ideal for use in confined spaces such as telephone vaults and indoor telecommunications rooms.



Uni-Shots - NUWTube® & UltraShot®

No Graphite Molds or Handles Needed

Harger's full line of Uni-Shots use either NUWTube "pour and shoot" weld metal or the UltraShot electronic ignition process. Disposable, single use ceramic mold provides convenience and ease of use.

UltraShot® Box with Trays

Harger's unique storage system will securely and safely store your most common UltraShot sizes, US25 through US300. Includes 3 stackable trays, additional trays are available.



#USBOXKIT

Exothermic Welding Training & Certification

Learn to do it the Right Way!

Become certified! Harger offers exothermic training that is hands-on and provides a complete understanding of Harger's Ultraweld exothermic welding process. The tools required to make a connection as well as the inspection process, safety and trouble-shooting are also reviewed.

How do you get started? Work with your Harger Sales Representative to pick a date and time. Harger will provide all the training materials to train your team at your designated location, ex; jobsite or office. Attendees must sign-in and pass a test prior to certification. Individual certification cards will be sent after class completion. Typical training time is 1 to 3 hours, depending on class size.

For more information, please contact Harger.

HARGER®

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