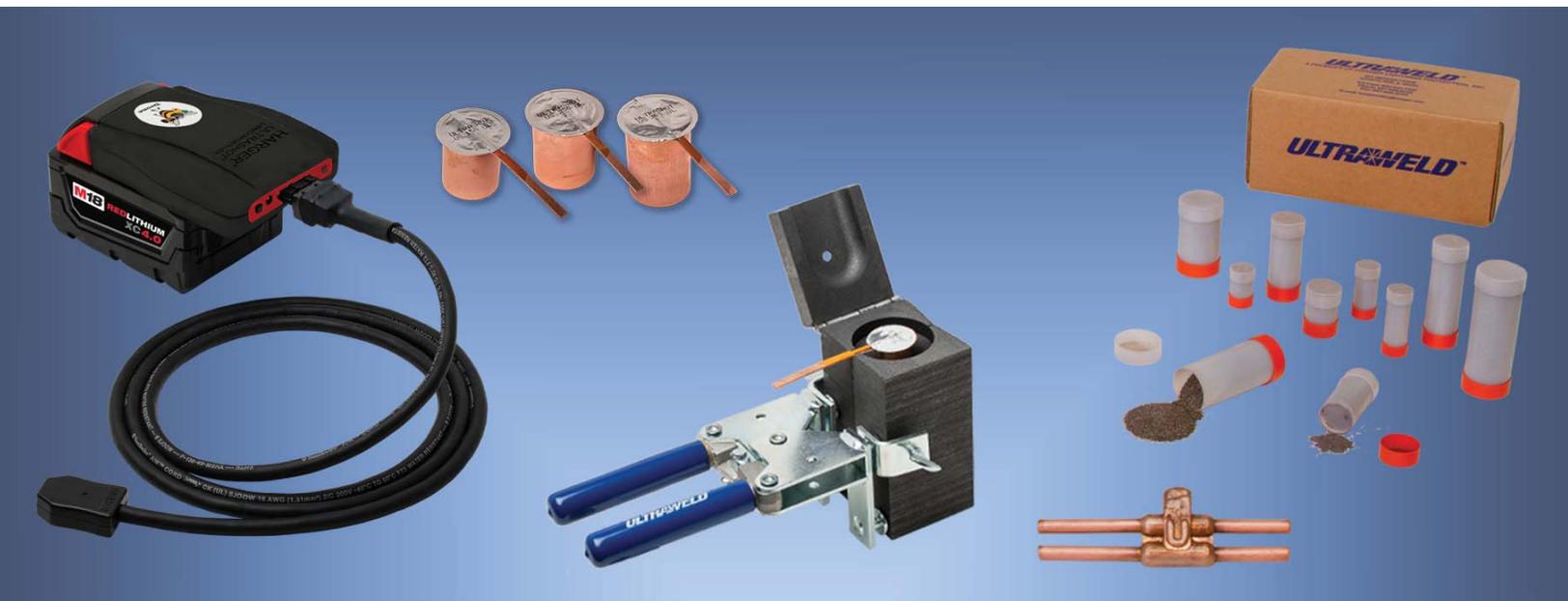


HARGER®

grounding • exothermic • lightning protection

ULTRAWELD®



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

DRONE™ Electronic Ignition System

Safer, Faster, More Ignitions per Charge

Making exothermic connections just got even easier with

Harger's new hand held DRONE. Utilizing a Milwaukee® M18™

REDLITHIUM™ XC 4.0 18 volt battery featuring a built-in fuel

gauge, the DRONE makes over 1,300 connections on a single

charge! The UltraBright LED indicates instantaneous ignition.

Borrowing from our previous model, the dual trigger ignition

design adds an additional safety measure - no accidental

bumping or misfires. Also includes a 6' cord featuring a quick

latch disconnect which allows for easy storage. DRONE - Safe,

Lightweight, Hand Held, Instantaneous Exothermic Connections,

Extended Battery Life! DRONE ignites UltraShot® copper

rop-in weld metal cartridges that are consumed in the

exothermic connection.



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.

UltraShot®

Patented Electronic Ignition Weld Metal

The weld metal, a mixture of copper oxide and aluminum, is

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. UltraShot is packaged either

5, 10, or 20 units per box, depending on shot size.



NUWTube®

New Twist on Traditional "Pour & Shoot" Method

The weld metal, a mixture of copper oxide and aluminum is

packaged in individual, moisture resistant plastic tubes. Harger's

dual chamber design holds the starting material and weld metal

separately, in the same tube. No more mixing of materials prior

to use. With easy to identify color coded caps; Clear = Weld

Metal and Orange = Starting Material. Each cartridge is also

marked with the size. Available in sizes NUWTube15 through

NUWTube250. Each box also contains instructions and metal

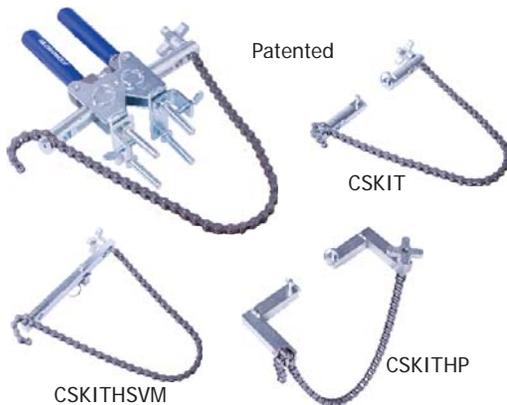
disks. One metal disk is used for each connection.

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 all three support 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



Chain Support Kit

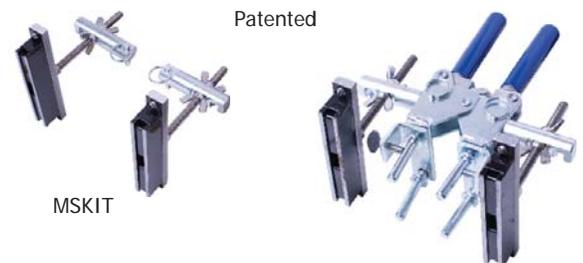
Safe, Hands Free Connections

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.



MSKIT



MLDSTBLZR

Mold Stabilization Spike Kit

6" and 12" Lengths

The newest member of Harger's mold support system. These spikes help stabilize the mold when making cable to cable connections in the trench. Fits both the MH1 and MH2 mold handle.

Low Smoke-No Flame System

Minimal Smoke Emission

Harger's unique, patent pending 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.

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.

Harger products are manufactured in the United States.

For more information, please contact Harger.

HARGER®

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