



PERFECT POINT

E-DRILL 2.0

E-Drill provides forceless electro-discharge machining (EDM) cutting for repeatable accuracy and effectiveness on a scale that conventional twist drilling cannot. You can consistently remove the head or collar from hard-metal fasteners (titanium, steel, and nickel alloys) in less than 10 seconds versus the more common five to seven minutes demanded by standard twist drills. E-Drill 2.0 Builds on this technology by combining both hand tools (CG and EG) into one single hand tool, accepts 110v as input, is easier to maintain and service - All in a smaller and more robust form factor.

**FASTER,
SAFER,
BETTER
FASTENER
REMOVAL**

WHAT IF, YOU COULD BEGIN TO:

- Reduce labor cost and lost time
- Improve accuracy and damage rates from 20% to <1%
- Eliminate FOD due to drilling debris
- Protect mechanics from career-ending injuries

PERFECT POINT EDM

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E-Drill 2.0 Product overview

Major Components:

The E-Drill system comprises the Touch-Screen Display, Mounting Post and Cable assembly, the Hand Tool and Umbilical Cable assembly, and the Mobile Service Unit control cabinet. Various Tool Adapters, Electrodes and Accessories are supplied for removal of specific fastener configurations and materials.

Technical Specifications:

Fastener Sizes:	CG Mode - 5/32"-3/8", Inc. oversize's EG Mode - 3/32"-1/4", Inc. oversize's
Fastener Material:	Aluminum, Titanium, Stainless Steel, Alloy Steel, Inconel, Monel etc.
E-Drill Hand Tool Dimensions (approx.):	7.5" x 6" x 2.25", 1.5 lb. (plus 10 ft. or 30 ft. umbilical)
Mobile Service Unit Dimensions:	22.5" x 30" x 17.5", 85 lb, (main unit) 28" x 50" x 22", 100 lb. (including base & display)
System Power Cable Assembly:	14 AWG, C-19 IEC Socket/NEMA 5-15 Plug (except Europe), 20 ft. long
Facility Power Requirements:	100-240VAC, Single Phase, 15 Amp, 50/60 Hz, NEMA 5-15 Receptacle (except Europe)
Maximum Duty Cycle:	30 fasteners, or as many as possible with one electrode (whichever is the least), at the rate of 3 fasteners/minute (totaling 10 minutes). 1-minute minimum recovery time.