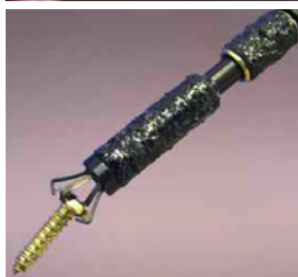
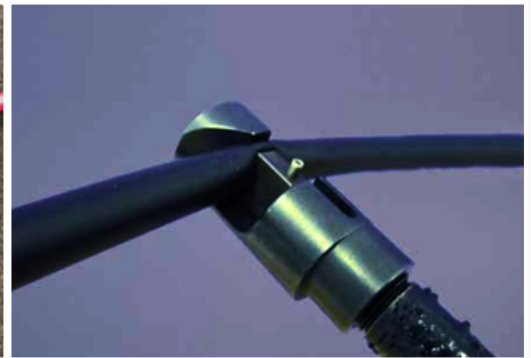




Product Catalog

EOD-1: Explosive Ordnance Disposal tooling for agencies and professionals



YeamansMachine.com

High-Quality Products and Services Since 1974

EOD-1

Explosive Ordnance Disposal tooling
for agencies and professionals

Neutralize potentially explosive threats with the suite of EOD tooling originally developed by RockSmith Precision Machining. This EOD suite of tools has been trusted by organizations including the US Navy, US Army, US Air Force, Houston Police Department, and multiple national defense departments around the world since 2012.

We acquired the license for these EOD tools with the aim of providing reliable service and advanced “render safe technology” to our customers who protect the lives of others.

Export Controlled Information

This document contains technical data, the export of which is restricted by the Arms Export Control Act (22 U.S.C. §2751, et seq.), the Atomic Energy Act of 1954, as amended (42 U.S.C. §2011), or the Export Administration Act of 1979, as amended (50 U.S.C. §2401, et seq.). Violations of these laws may result in severe administrative, civil, or criminal penalties.

Sales are limited to Government, Military, and Law Enforcement only. Please call or email for pricing and lead time.



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30:1 Cutter

A compact entry-making cutting tool with tremendous mechanical advantage.

The 30:1 cutter is a hand-actuated tool that provides exceptional cutting ability - up to 30:1 mechanical advantage.

For example, an operator able to apply 100lb of input force can expect up to 3,000lb of applied force into the material.

The 30:1 Cutter allows the operator to create access through barriers such as sheet metal, commercial chain link fence, case hardened padlocks, chain links, braided steel wire, expanded metal grating, bolts, nails, screws, and more, up to Ø.188 inch (4.77 mm) in cross section.

The 30:1 Cutter comes with three sets of versatile, interchangeable blades, purpose-built to meet the unpredictable needs in the field.

Unlike many comparable tools, the 30:1 cutter only weighs 8 1/8 oz (230g) when equipped with the heaviest blades. The full kit weighing only 9.5 oz (269g).

Additionally, the collapsible design allows operators to conveniently store the cutter when not in use.



30:1 Cutter (Pt# 500) Includes	
30:1 Cutter Handle	Chain Link Cutter Blade and Anvil assembly
Sheet Metal Blade	Case with foam cutouts
Heavy Cut Sheet Metal Blade	Spare bolt, nut, torx screws and wrench
*additional components can be purchased separately	

30:1 Cutter

Sheet Metal Cutting

Designed to cut access in conex boxes, the 30:1 cutter enables operators to create access in sheet metal up to 14 gauge (Ø.075 inch, 1.90 mm) by a cutting action that resembles a punch and die style nibbler tool.

The cutter is driven forward by hand to incrementally “bite”, removing up to ¼ inch of material in every action.

The cutter can be applied in two arrangements, with the handle in either a normal or upper position, each providing the operator with different advantages.

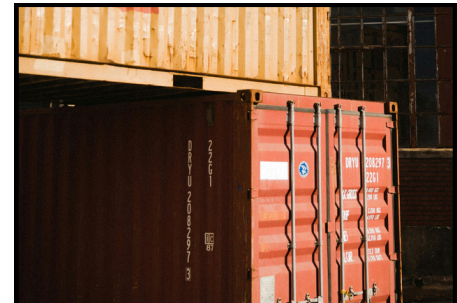
In the normal position, the operator can actuate the cutter with a single hand, but is limited to a 17:1 mechanical advantage.

In the upper position, the operator can apply the full 30:1 mechanical advantage, but must use two hands to actuate the cutter.

The cutter includes two sets of interchangeable sheet metal blades: a normal blade designed to make entry through a hole and a heavy blade designed to cut through welds in conex boxes.

A toolless blade exchange makes swapping the blades fast and convenient.

	Sheet Metal Shear Plates *includes right and left side
	
Normal Sheet Metal Blade (PT# 510-001) *Easier entry through hole	Heavy Sheet Metal Blade (PT# 510-002) *Cuts through welds



*Starting cut from ¼ inch hole



*Cutting with handle in upper position

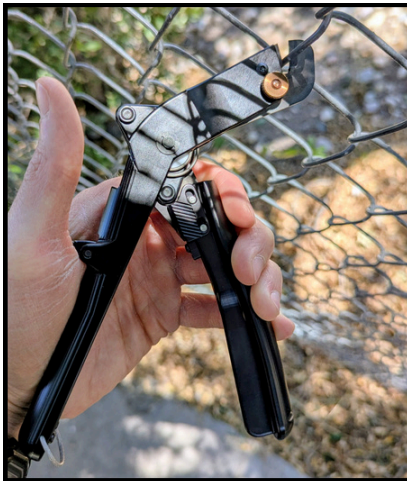
30:1 Cutter

Link Cutting

In addition to cutting sheet metal, the Chain-Link Cutter and Anvil allow operators to create access through barriers up to 6 gauge (Ø.192 inch, 4.88 mm) by a cutting action that resembles a bolt cutter tool. Barriers including:

- Commercial chain link fence
- Padlocks, case hardened steel shackles
- Chain links, steel and other alloys
- Expanded metal grating
- Braided stainless steel wire
- Bolts, nails, and screws

The cutter is placed around the material, then cut by depressing the handle. The material is then severed between the two cutter edges.



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