



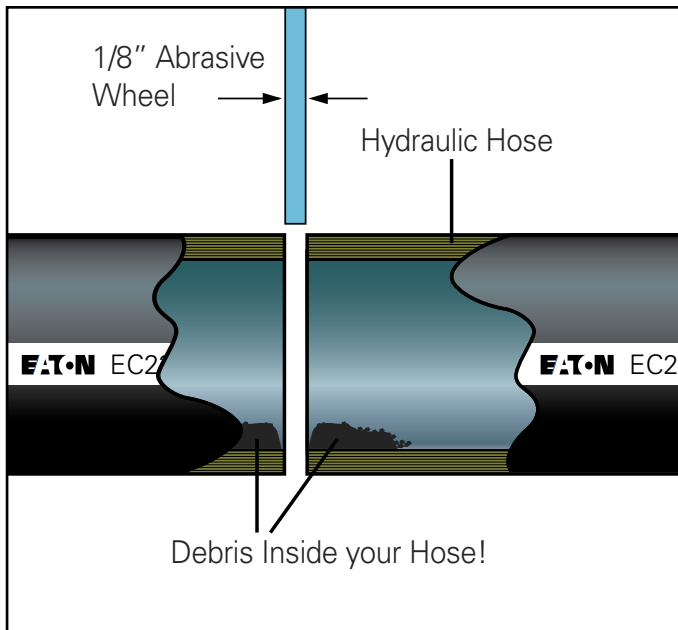
# Introduction

Eaton hydraulic hose cutting system is break-through technology using a toothed blade, cutting with the backs of each tooth, so the blade does not take a kerf. The saw bends the hose into the blade spreading the cut edges to avoid burning and smoking.

## How It Works

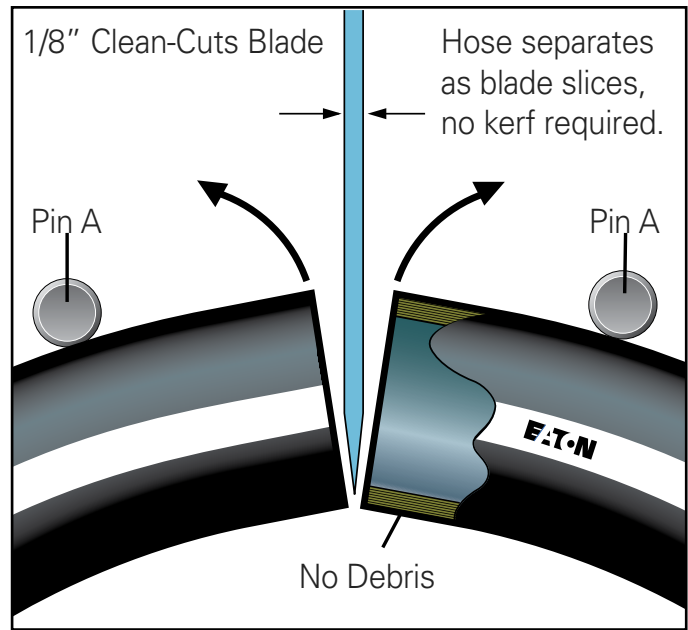
### Old Method

The normal sawing method of lowering an abrasive saw blade onto the hose causes the hose to compress and deform. As the blade cuts the compressed hose expands against the blade causing friction, heating and burning and much of the debris from the kerf of the blade is deposited into your hose.



### New Improved Eaton Method

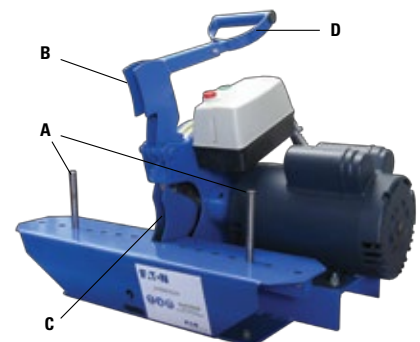
With the Eaton hydraulic hose saws the hose is positioned across two pins (A) and moved into the blade (C) by a feed foot (B) using extendable handle (D) for better leverage on extremely heavy hose. The feed motion causes the hose to stretch at the point of contact with the blade, allowing it to separate as it is cut (see image at below). This separation allows the hose to pass clear of the saw blade with NO friction, NO heating and NO DEBRIS! A vacuum hose (not shown) is attached to a vacuum port to remove any tiny amount of debris or smoke during cutting.



## Benefits

- Cleaner Cuts
- Safer Cuts
- No Smoke

Model	Motor	Blade	Cutting Capacity
ET9200-10-220	5 HP, 220 VAC, 1 Phase, 60 Cycle, 3,600 RPM	One 10" OD x .125 THK x 40 mm arbor	2" ID x 6 Wire Hydraulic Hose
ET9200-10-220-3	3 HP, 220 VAC, 3 Phase, 60 Cycle, 3,600 RPM	One 10" OD x .125 THK x 40 mm arbor	2" ID x 6 Wire Hydraulic Hose
ET9200-10-440-3	3 HP, 440 VAC, 3 Phase, 60 Cycle, 3,600 RPM	One 10" OD x .125 THK x 40 mm arbor	2" ID x 6 Wire Hydraulic Hose



# ET9200-10-12v ET9200-10-24v

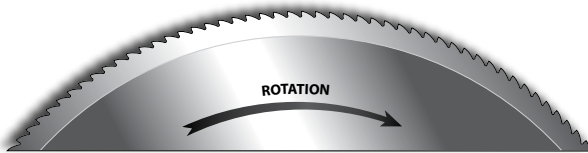
Model	Motor	Blade	Cutting Capacity
ET9200-10-12v	4 HP, 12 VDC, 4,000 RPM	one 10" OD x .125 THK x 40 mm arbor	2" D x 4 Wire Hydraulic Hose
ET9200-10-24v	4 HP, 24 VDC, 4,000 RPM	one 10" OD x .125 THK x 40 mm arbor	2" D x 4 Wire Hydraulic Hose



## Hose Cutting Blades

The following 6 types of blades are designed to cut hydraulic hose. If you're not sure which is best suited to your application please call for our recommendation.

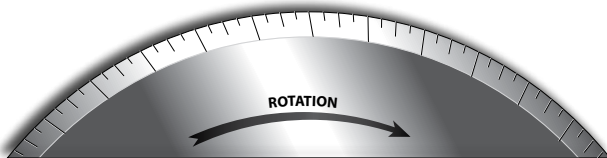
Eaton blades are manufactured in: M-2, D-2, M-35 and High Speed Steels.



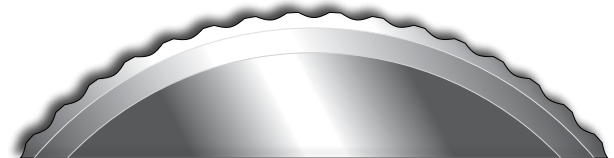
ET9200C-10-AS Advanced Scallop Blade



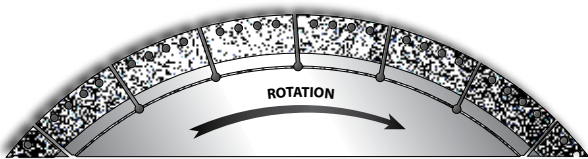
ET9200C-10-SM Smooth Blade



ET9200C-10-MS Micro-Slotted Blade



ET9200C-10-SC Scalloped Blade



ET9200C-10-D Diamond Blade



ET9200C-10-SL Slotted Blade

Model	Type	Blade Size	Cutting Capacity
ET9200C-10-AS	Advanced Scallop Blade	10" OD x .125 THK x 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
ET9200C-10-MS	Micro-Slotted Blade	10" OD x .125 THK x 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
ET9200C-10-D	Diamond Blade	10" OD x .125 THK x 40 mm arbor	2" ID x 6 Wire Hydraulic Hose
ET9200C-10-SM	Smooth Blade	10" OD x .125 THK x 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
ET9200C-10-SC	Scalloped Blade	10" OD x .125 THK x 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
ET9200C-10-SL	Slotted Blade	10" OD x .125 THK x 40 mm arbor	2" ID x 4 Wire Hydraulic Hose

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