



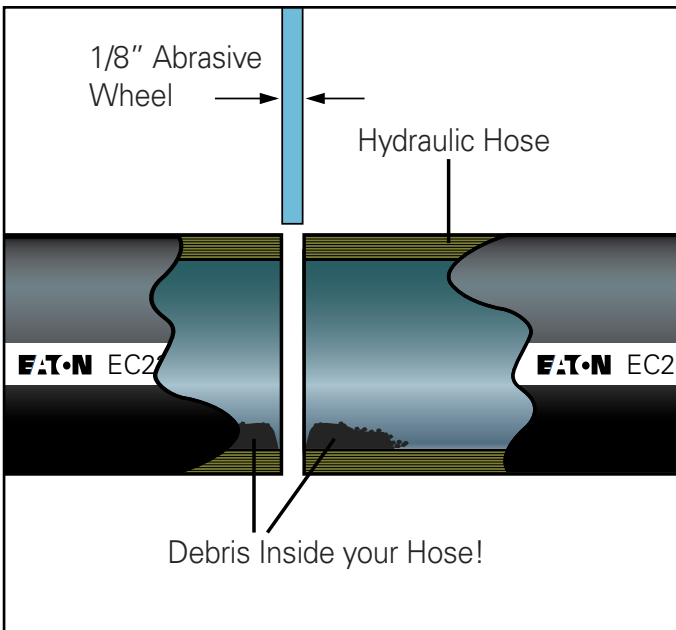
Introduction

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

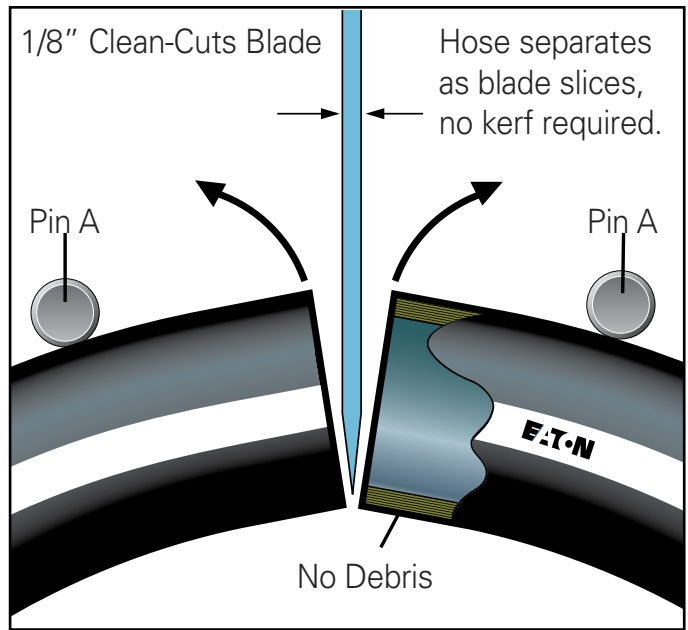
Old Method

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

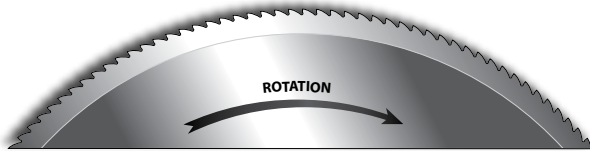
Model	Motor	Blade	Cutting Capacity
ET9100-07-110	2 HP, 110 VAC, 1 Phase, 60 Cycle, 3,600 RPM	7" OD x .093 THK x 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose



Hose Cutting Blades

The following 5 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.

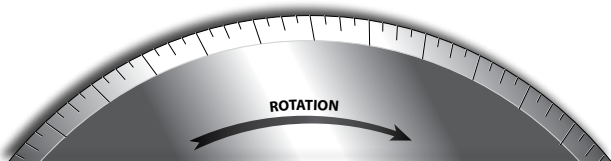
Eaton blades are manufactured in: M-2, D-2, M-35 and High Speed Steels.



ET9100C-07-AS Advanced Scallop Blade



ET9100C-07-SC Scalloped Blade



ET9100C-07-MS Micro-Slotted Blade



ET9100C-07-SL Slotted Blade



ET9100C-07-SM Smooth Blade

Model	Type	Blade Size	Cutting Capacity
ET9100C-07-AS	Advanced Scallop Blade	7" OD x .093 THK x 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
ET9100C-07-MS	Micro-Slotted Blade	7" OD x .093 THK x 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
ET9100C-07-SM	Smooth Blade	7" OD x .093 THK x 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
ET9100C-07-SC	Scalloped Blade	7" OD x .093 THK x 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
ET9100C-07-SL	Slotted Blade	7" OD x .093 THK x 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose

Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/hydraulics

Eaton
Hydraulics Group Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Group Asia Pacific
Eaton Building
No. 7, No. 3 Lane 280
Linhong Rd.
Changning District
Shanghai 200335
China
Tel: (+86 21) 5200 0099
Fax: (+86 21) 5200 0400

