

CLEAN-CUTS™

HYDRAULIC HOSE SAWS

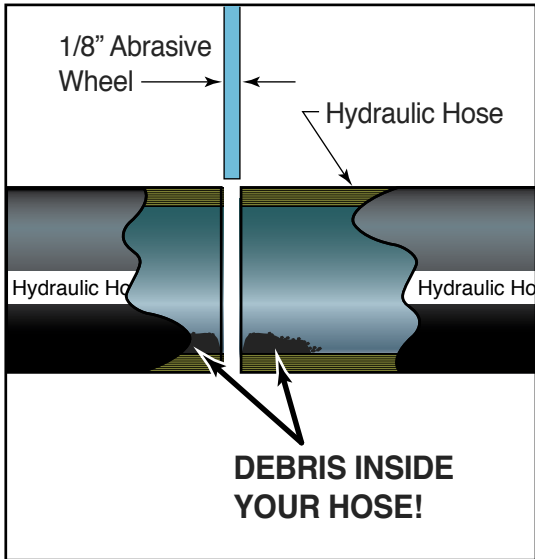


HYDM70-110V

Introduction

Clean-Cuts 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

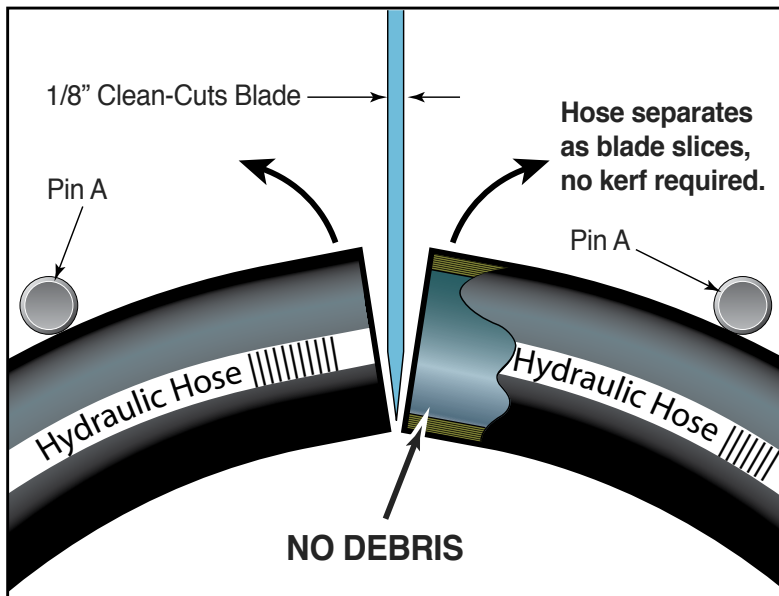
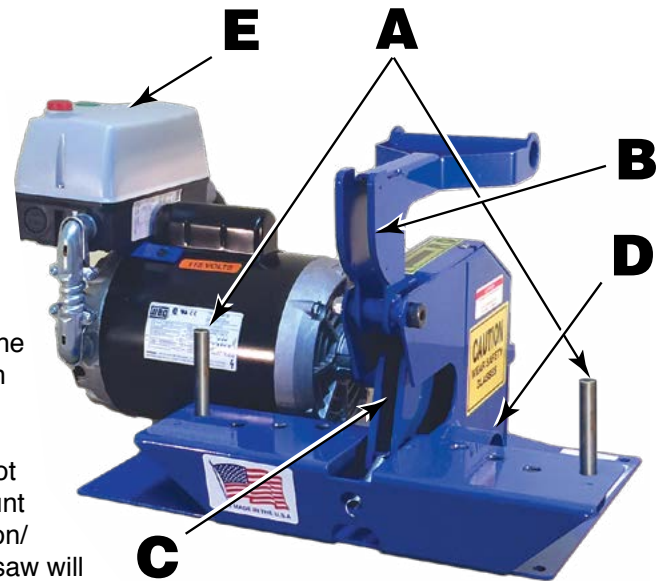


Old Method

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 Clean-Cuts Method

With the Clean-Cuts hydraulic hose saws the hose is positioned across two pins (A) and moved into the blade (C) by a feed foot (B) using a pulldown handle for better leverage on 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 (D) to remove any tiny amount of debris or smoke during cutting. Improved safety using a 110V on/off switch (E) with a magnetic contactor. When power is lost, the saw will not turn back on independently.



Benefits

- Cleaner Cuts
- Safer Cuts
- No Smoke



MODEL	MOTOR	BLADE	CUTTING CAPACITY
HYDM70-110V	1-1/2 HP, 110 VAC, 1 Phase, 60 Cycle, 3,430 RPM	7" OD x .093 THK X 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose

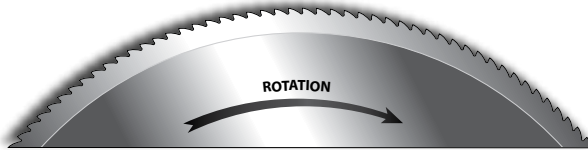
Hose Cutting Blades

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.

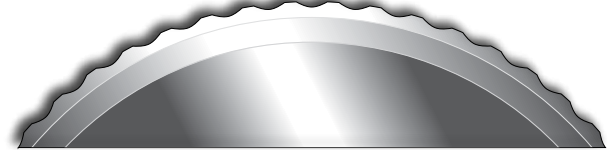
Clean-Cuts blades are manufactured in: M-2, D-2, M-35, & High Speed Steels.



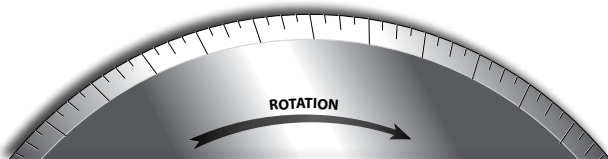
Smooth Blade



Advanced Scallop Blade



Scalloped Blade



Micro-Slotted Blade



Slotted Blade

MODEL	TYPE	BLADE SIZE	CUTTING CAPACITY
HYD07X093X3/4	Advanced Scallop Blade	7" OD x .093 THK X 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
MSE7X093X3/4	Micro-Slotted Blade	7" OD x .093 THK X 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
CDBK7X093X3/4	Smooth Blade	7" OD x .093 THK X 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
NSK7X093X3/4	Scalloped Blade	7" OD x .093 THK X 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose
SSE07X093X3/4	Slotted Blade	7" OD x .093 THK X 3/4" arbor	1-1/4" ID x 4 Wire Hydraulic Hose



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