

# CLEAN-CUTS™

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# HYDRAULIC HOSE SAWS



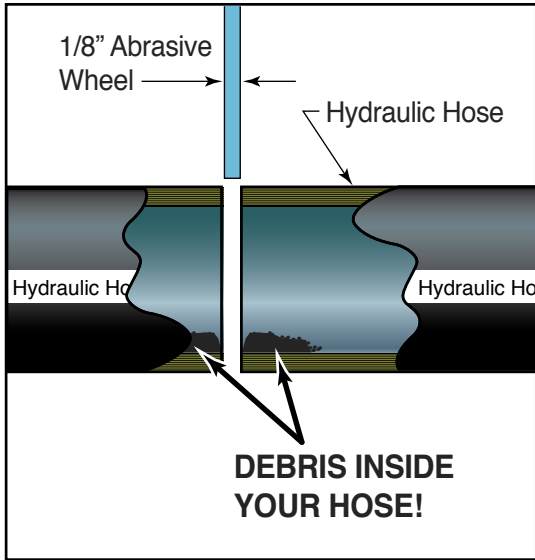
**HYDM140**



# 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

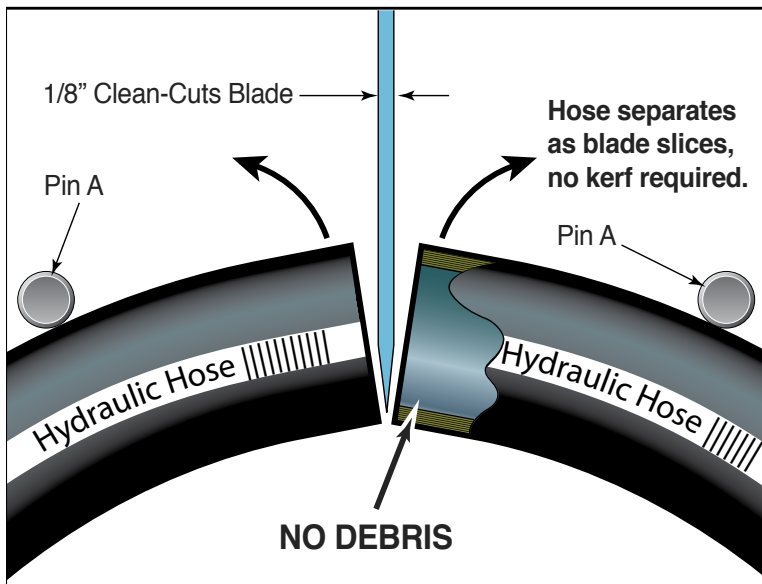
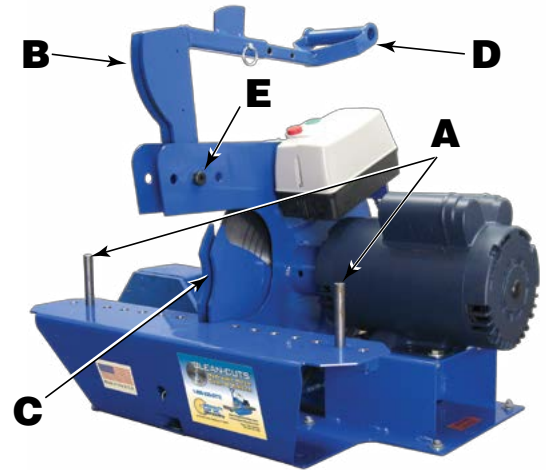


### Old Method

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 extendable handle (D) and adjustable pivot point (E) for cutting larger industrial 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**

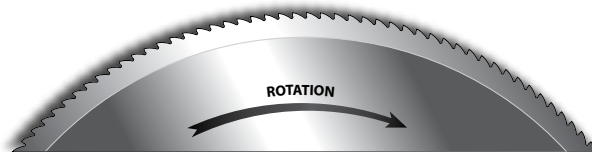


MODEL	MOTOR	BLADE	CUTTING CAPACITY
<b>HYDM140-220V</b>	5 HP, 220 VAC, 1 Phase, 60 Cycle, 3,490 RPM	one 14" OD x .160 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose — 5" OD Industrial Hose
<b>HYDM140-220V3</b>	3 HP, 220 VAC, 3 Phase, 60 Cycle, 3,490 RPM	one 14" OD x .160 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose — 5" OD Industrial Hose
<b>HYDM140-440V3</b>	3 HP, 440 VAC, 3 Phase, 60 Cycle, 3,490 RPM	one 14" OD x .160 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose — 5" OD Industrial Hose

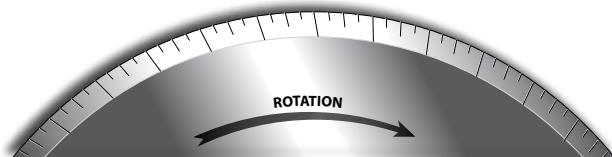
## Hose Cutting Blades

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.



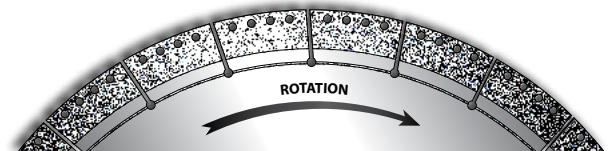
Advanced Scallop Blade



Micro-Slotted Blade



Smooth Blade



Diamond Blade



Slotted Blade

MODEL	TYPE	BLADE SIZE	CUTTING CAPACITY
<b>HYD14X160X40</b>	Advanced Scallop Blade	14" OD x .160 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose — 5" OD Industrial Hose
<b>MSE14X160X40</b>	Micro-Slotted Blade	14" OD x .160 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose — 5" OD Industrial Hose
<b>HYD14X160X40DS</b>	Diamond Blade	14" OD x .160 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose — 5" OD Industrial Hose
<b>CDBK14X160X40</b>	Smooth Blade	14" OD x .160 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose — 5" OD Industrial Hose
<b>SSE14X160X40</b>	Slotted Blade	14" OD x .160 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose — 5" OD Industrial Hose



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