

CLEAN-CUTS™

HYDRAULIC HOSE SAWS



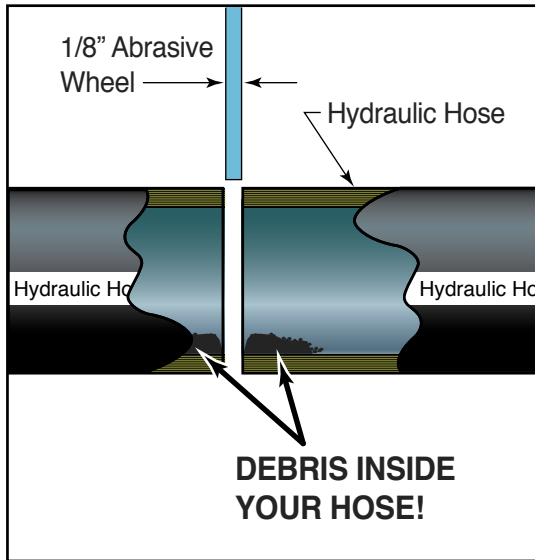
HYDM100



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

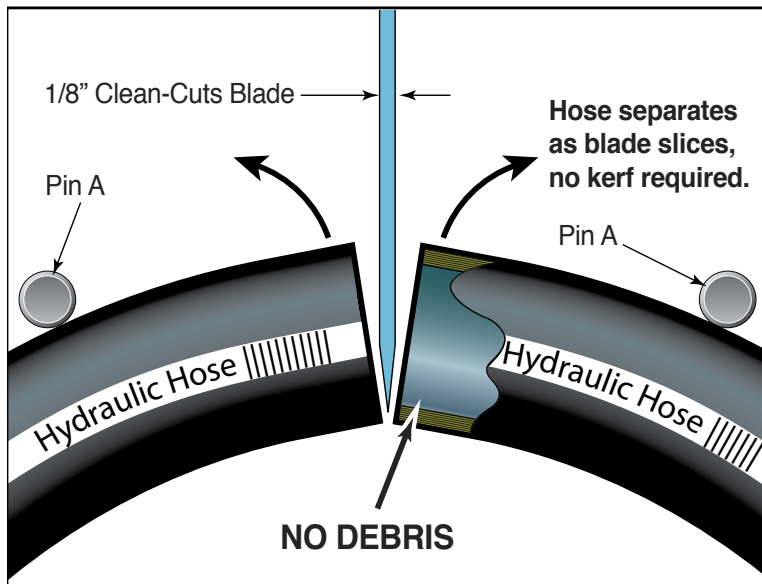
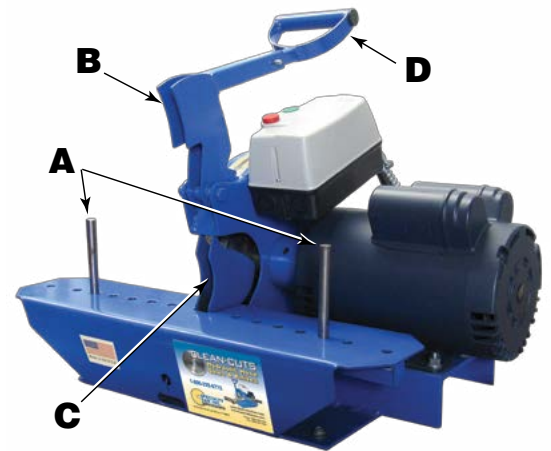


Old Method

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) 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
HYDM100-220V	5 HP, 220 VAC, 1 Phase, 60 Cycle, 3,490 RPM	one 10" OD x .125 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose
HYDM100-220V-3	3 HP, 220 VAC, 3 Phase, 60 Cycle, 3,490 RPM	one 10" OD x .125 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose
HYDM100-440V-3	3 HP, 440 VAC, 3 Phase, 60 Cycle, 3,490 RPM	one 10" OD x .125 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose

Model HYDM100-12V HYDM100-24V

Benefits

- Cleaner Cuts
- Safer Cuts
- No Smoke

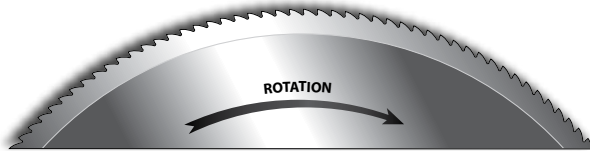


MODEL	MOTOR	BLADE	CUTTING CAPACITY
HYDM100-12V	4 HP, 12 VDC, 10,000 RPM	one 10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
HYDM100-24V	4 HP, 24 VDC, 10,000 RPM	one 10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose

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.

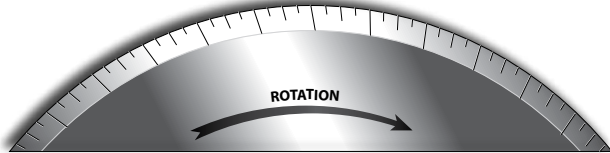
Clean-Cuts blades are manufactured in: M-2, D-2, M-35, & High Speed Steels.



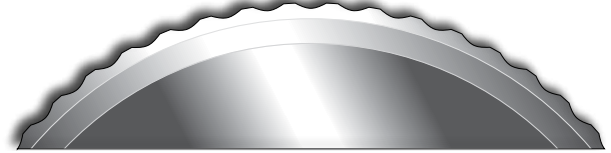
Advanced Scallop Blade



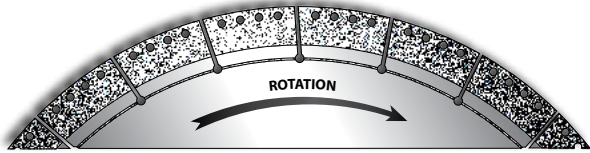
Smooth Blade



Micro-Slotted Blade



Scalloped Blade



Diamond Blade



Slotted Blade

MODEL	TYPE	BLADE SIZE	CUTTING CAPACITY
HYD10X125X40	Advanced Scallop Blade	10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
MSE10X125X40	Micro-Slotted Blade	10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
HYD10X125X40D	Diamond Blade	10" OD x .125 THK X 40 mm arbor	2" ID x 6 Wire Hydraulic Hose
CDBK10X125X40	Smooth Blade	10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
NSK10X125X40	Scalloped Blade	10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose
SSE10X125X40	Slotted Blade	10" OD x .125 THK X 40 mm arbor	2" ID x 4 Wire Hydraulic Hose



Specialty Saw, Inc.

30 Wolcott Road

Simsbury, CT 06070 USA

1-800-225-0772

Voice: (860) 658-4419 ~ Fax: (860) 651-5358

Email: info@specialtysaw.com

Website: <http://specialtysaw.com>