

## MDHS.S Core Cutting System

### Turn short run headaches into profit contributors!

Are you passing on small diameter short run jobs that could contribute to your bottom line? Business based on short lead times and small lot size. The type of orders that drive up set-up costs and eat up machine capacity. This type of business could be an opportunity to increase your profit.

### Run short orders at a profit

Appleton's new **MDHS.S** (*Multiple Diameter High Speed, Small*) core cutter provides quick internal diameter change-over utilizing low cost tooling.

**Multiple Diameter** means that your set-up time becomes minimal — typically minutes.

**High speed** means your run-time costs are competitive.

Like the larger Appleton **MDHS.M** cutter, the **MDHS.S** features a chucked core for cut length accuracy and two opposed knives — providing rapid cutting even when a free-wheeling blade is used. Of course, the “classic” Appleton fixed blade cut is also available for a burnished cut.

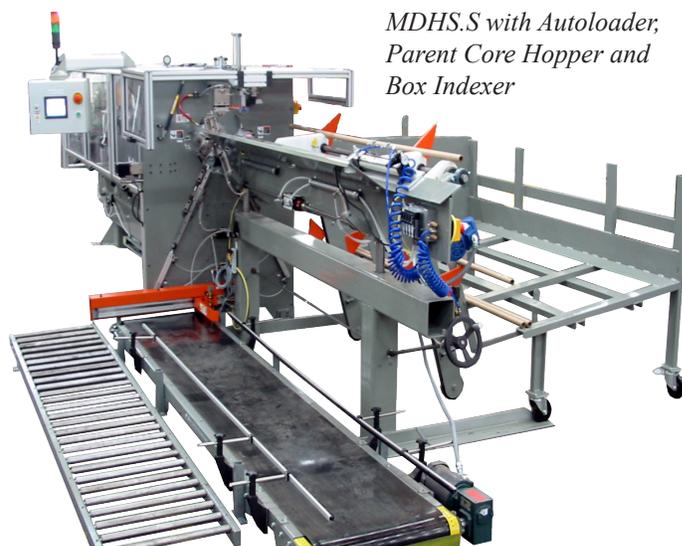
### Easy to operate

The operator interface is menu driven - providing simple, easy to learn operation. Cut sets of varying lengths or batches of the same length are easily entered by the operator. The operator interface is a multi-line LCD with function keys. Operation is intuitive, minimizing the operator learning curve and reducing your staffing costs.

### Quick set-up

We designed the **MDHS.S** for quick change-over – taking set-up time out of those short runs. Just change the chucking and cutting pads for the new core internal diameter. A single adjustment prepares the core cutter for a new core outside diameter. With the AutoLoading option, a single adjustment prepares that unit for a new diameter. If you are changing core ID a single fastener releases the centering and cutting pads for easy swap-out. Field experience with the **MDHS.M** reveals that that length changes are made on the run, OD changes take about a minute, and OD/ID changes can be done in 3-5 minutes.

**Quick set-up, coupled with the rapid cutting rate, makes the MDHS.S the perfect solution to the challenge of profitable short runs.**



MDHS.S with Autoloader,  
Parent Core Hopper and  
Box Indexer

### Versatile

The **MDHS.S** provides the following capabilities:

- \* 8' Parent Core
- \* 1" ID to 8" O.D.
- \* Core walls from 0.100" to 0.750"
- \* A production rate unsurpassed by single cutting station machines (whether single or dual knives at one cut line).

### Effective controls

The machine control is PLC based. The controls provide a built-in capability for dial-in troubleshooting by our engineers.

### Built tough to last

The **MDHS.S** cutter is designed and built in the Appleton tradition of machines that provide decades of service. The welded frame provides a solid foundation to support the robust cutting and motion modules.

**Quick set-up, high production, low down-time – a profit formula that's hard to beat!**

### Appleton Service

Should you need support, the dial-in capability of the PLC control system permits our engineers to troubleshoot over the phone.

## MDHS.S at a glance

Parent Core up to 98"

Walls from 0.100" to 0.750"

Diameters from 1" ID to 8" OD

*features low cost tooling*

### Knife

Fixed (Auto-Indexing Optional)

Free wheeling

### Production range

4,000 - 8,000 cuts per hour with AutoLoader cutting 3" ID x .100" wall core. Production rates are dependent on diameter, wall, cut length and core construction.

Cut length tolerance +/- 0.006 to 0.008"

### Utilities

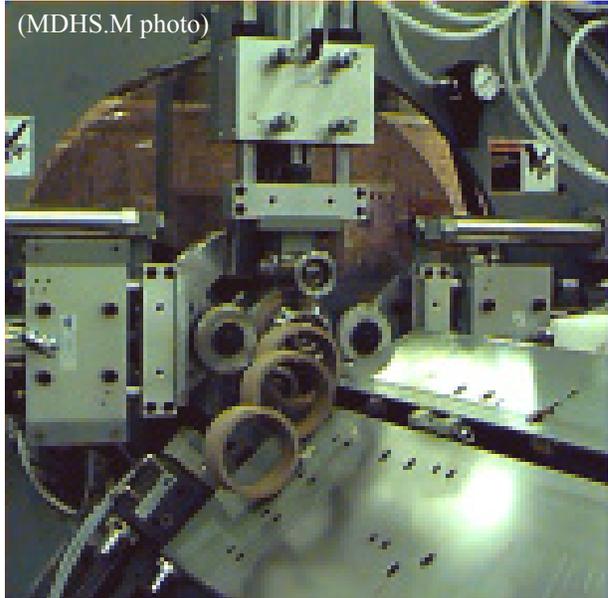
- Air ~ 80psi
- Electrical ~ 3 phase to your specification

### Connectivity

- Phone Modem

### Options

- PC based controls - larger screen, data collection, order down-loading, network ready.



(MDHS.M photo)

Dual knives for rapid cuts - fixed or rotating blades

### Contact Us

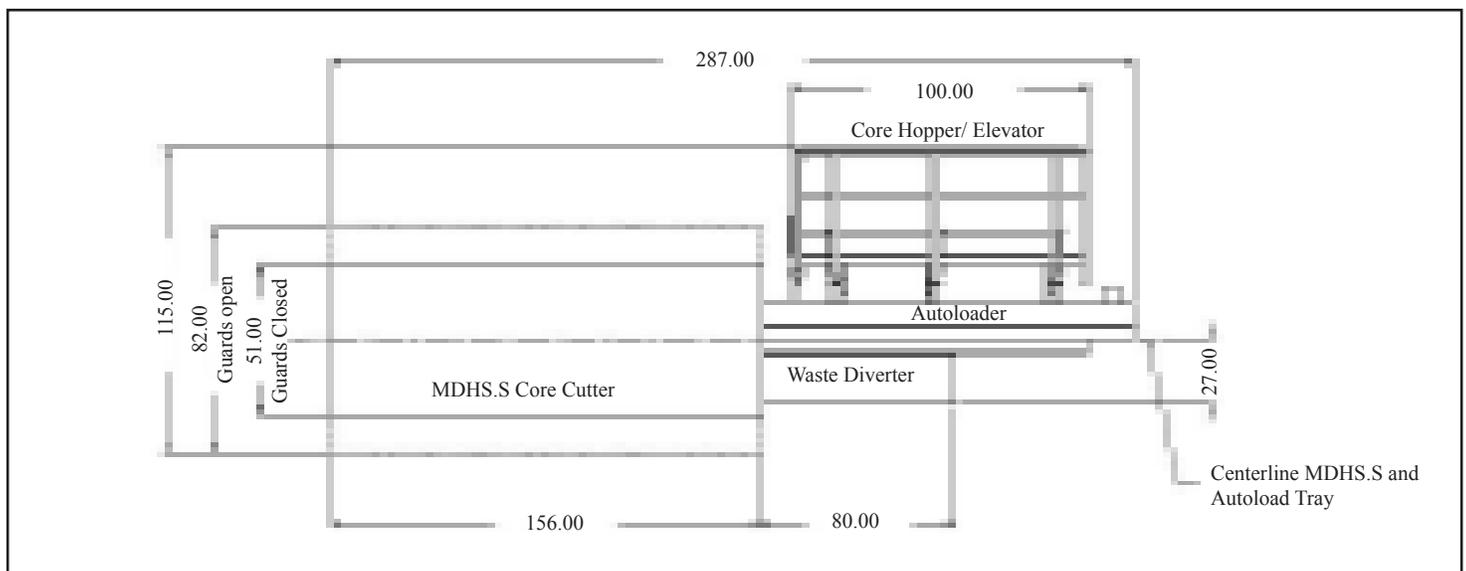
For more information on the core cutting and handling equipment built by Appleton, visit

[www.appletonmfg.com](http://www.appletonmfg.com)

Or call us at

800-531-2002

(920) 751-1555



Typical layout - MDHS.S Core Cutter with Autoloading