

## MDHS.M Core Cutting System

### Turn short run opportunities into profit contributors!

Are you passing on opportunities that could contribute to your bottom line? Business based on short lead times and small deliveries. 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 revenue.

### How to run short orders at a profit

Appleton's new **MDHS.M** (*Multiple Diameter High Speed, Mid-size*) 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.

The **MDHS.M** 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 operation

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 large colored screen supported by function keys and a robust mouse. Operation is intuitive, reducing the operator learning curve and your staffing costs.

### Quick set-up

We designed the **MDHS.M** 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. If you have 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 reveals that the length changes are made on the run, OD changes take about a minute, and OD/ID changes can be done in 3-5 minutes.

The short set-up time, coupled with the rapid cutting rate, makes the MDHS.M the perfect solution to the challenge of profitable short run orders.

*MDHS.M with Autoloader,  
Parent Core Hopper, and  
Cut Core Conveyor*



### Unparalleled capabilities

Only Appleton Mfg. Division offers a machine that can handle:

- 10' Parent Core
- 2" ID to 13.50" O.D.
- Core walls from 0.100" to .750"
- A production rate unsurpassed by single cutting station machines (*whether single or dual knives at one cut line*).

### Next Level controls

The machine control network is PLC based using integrated motion control. The controls provide a built-in capability for dial-in service and up-upgrades by our service techs. There is a network card in the PC control package for connection to your network should you elect to down-load production orders or up-load statistics on the status of production runs, operator, hours, and machine operating conditions.

### Built tough and smart

The **MDHS.M** cutter is designed and built in the Appleton tradition of machines that last and last and last. The welded frame provides a foundation for long service life while the control system monitors machine conditions and run time, prompting for service and preventive maintenance.

## MDHS.M at a glance

Parent Core up to 124"

Walls from 0.100" to .750"

Diameters from 2" ID to 13.5" OD

*with low cost tooling*

### Knife

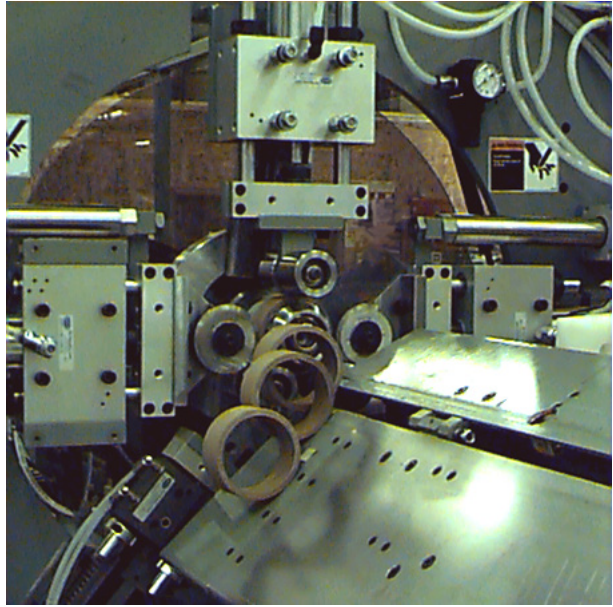
Fixed (Auto-Indexing Optional)

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

NT network

### Contact Us

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

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

Or call us at

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