Appleton Core Cutters - Fit Your Needs

Your core cutting application is unique. In order to satisfy your production requirements while keeping costs to a minimum, Appleton Mfg. Division offers an extensive family of core cutters as well as custom core handling and finishing equipment. We add pre-designed modules to common frames to tailor our equipment to fit your specific needs.

S210 Semi-Automatic Core Cutter

The S210 is a manually loaded, manually fed core cutter with air powered knife actuation. The operator slides the core to an adjustable target and steps on a foot switch to initiate cutting (avoids repetitive motion hazards of manually actuated knives). The target drops away allowing the cut core to eject. This cycle is repeated until the cut core requirement is met. Options include mandrels for core diameters, fixed, freewheeling or powered knives, Digital Cut Length Readout, and the patented IDC (Instant Diameter Change) Mandrel system and AIK (Auto Indexing Knife).

A301 Automatic Core Cutter

An economical automatic cutter. A manually loaded, electro-mechanical core feed core cutter with air powered knife actuation. The operator loads the core, sets the target to the length to be cut and presses a button to initiate cutting. The automatic advance and cut cycle continues until the core is consumed, at which time the operator loads another parent core. Operator gets run and cutter status information from an LCD Touchpanel interface. Options include mandrels for core diameters, fixed, freewheeling or powered knives, Digital Cut Length Readout, and the patented IDC (Instant Diameter Change) Mandrel system and AIK (Auto Indexing Knfie). **Can be upgraded to Appleton Automation™**

A400 Automatic Core Cutter

Our higher-speed automatic cutter. A manually loaded, powered core feed cutter with hydraulic knife actuation. The operator loads the core, sets the target to the length to be cut and presses a button to initiate cutting. The automatic advance and cut cycle continues until the core is consumed, at which time the operator loads another parent core. The operator gets feedback on run and cutter status via an LCD Touchpanel interface.

The A400 differs from the A301 in that it is faster and offers more precise control of the cutting action, making it more suited to plastics cutting applications and harder cores. **Can be upgraded to Appleton Automation™**

P510 Programmable Core Cutter

The P510 is designed for the core user who has a need for cut cores of multiple lengths from a given parent core (set cutting). The P510 features a PLC based control package to control the cutting and handling system. With optional core handling equipment, the P510 can become an in-house JIT core cutting plant... reducing both inventory and labor costs! Accessories include mandrels for core diameters, a variety of knife options, integrated parent core and cut core handling, patented IDC (Instant Diameter Change), AIK (Auto Indexing Knife), ethernet interface for data transfer and the ability to control core finishing modules. **Can be upgraded to Appleton Automation™**
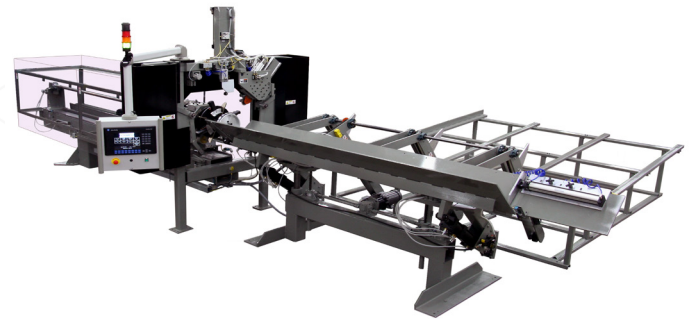
P610 Programmable Core Cutter

The P610 is designed for users of very large diameter or very long parent cores. It can handle up to 24" ID cores in lengths up to 30 feet. Matching the P610 to your widest winder width maximizes your core yield and minimizes the dollars lost to core waste!

The control package is a powerful PLC with an easy-to-use menu driven operator interface. The operator learning curve is short! Ethernet interface is available for data transfer.

The P610 can be integrated with handling equipment that automates core handling from unloading the parent core carts to loading carts of cut cores... creating a system that reduces your costs of cutting and handling cores. **Can be upgraded to Appleton Automation™**

MDHS Series Cutters

Based on 25+ years of P6 experience, this cutter is designed to reduce the cost of short run cutting where a variety of diameters are needed. Dual knives quickly part the core with fixed blades to provide a burnished cut with no ID burr or "necking-down." Product rates vary from 4,000 - 8,000 cuts per hour while maintaining ±0.008" accuracy without cumulative error on sets. The controls package offers simple operator controls and automated core handling. **Can be upgraded to Appleton Automation™**

Ask About Appleton Automation™
Automated Core Cutting That Fits Your Needs

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